

# Amphenol

## GCB-B / GCA-B

Nach VG95234

According to VG95234

Suivant la norme VG95234



|                                                                                                                                      |         |
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Wir sind bestrebt, unsere Produkte weiter zu entwickeln und behalten uns maßliche und technische Änderungen an den Steckverbindern vor.

Our products are the subject of continuous development and we reserve the right to introduce changes in their design.

Ce document n'est pas contractuel. Les informations contenues dans ce catalogue sont susceptible d'évolution.

## GCB-B Baureihe

Die Steckverbinder der GCB-B Baureihe mit Reverse-Bajonett-Verschluss entsprechen der Norm VG95234.

Sie bieten eine hohe Zuverlässigkeit, sind wasserdicht, verschleiß- und vibrationsfest.

Sie haben die gleichen Befestigungsmaße und Polanordnungen wie Steckverbinder nach MIL-C-5015, sind jedoch mit Reverse-Bajonett-Verriegelung und Wellfeder versehen, was schnelles, müheloses Ver- und Entriegeln garantiert und bei starker Vibration einen großen Schutz gegen ungewolltes Entriegeln bietet.

Die nach VG95234 zugelassenen Bauformen sind grundsätzlich mit Einzeladerabdichtung ausgerüstet.

Werden bei Steckverbindern nach VG95234 Modifikationen gewünscht, wie z.B. andere Oberflächenbehandlung, Kontaktausführungen oder Endgehäuse, so haben diese grundsätzlich eine GCB-B Bezeichnung.

Typische Anwendungen für diese Baureihen sind Wehrtechnik, industrielle Anlagen und Schienenfahrzeuge, sowie Antriebstechnik, Werkzeugmaschinen, Messtechnik und Robotik.

## GCA-B Baureihe

**Die GCA-B Steckverbinder sind 100% austauschbar- und steckkompatibel mit den Steckverbindern der GCB-B Serie** und bieten eine große Auswahl zusätzlicher Polbilder, die nicht in der VG95234 beschrieben sind.

Sie besitzen den gleichen technischen Aufbau wie die GCB-B Serie, bis auf die Kontakte, welche ein anderes Design haben.

## GCB-B Series

These connectors with reverse bayonet coupling are conform to the VG95234 standard.

Offering a high liability, they are coevally waterproof and resistant to vibrations and wear.

They use the same installation dimensions and contact arrangements as connectors according to MIL-C-5015. However they are provided with reverse bayonet coupling and ondular washer, which guarantee a fast and effortless locking/unlocking and avoid an unintentional unlatch due to heavy vibrations.

All VG95234 designs are basically equipped with an individual wire sealing grommet.

If VG95234 connectors are required with modifications, e.g. with solder contacts or other shell- or contact plating, they have to be ordered with GCB-B designation.

Common applications include military sector, industrial plants and railway vehicles as well as propulsion technologies, machine tools, measurement and robotics.

## GCA-B Series

**The GCA-B connectors are fully interchangeable and intermateable with GCB-B connectors** and offer a variety of additional arrangements not described in the VG95234.

They have the same technical setup as GCB-B series except the contacts that have a special design.

## Gamme GCB-B

Ces connecteurs à accouplement « Reverse Bayonet » répondent à la norme VG95234.

Ils présentent une bonne résistance à l'usure, sont étanches et ont une très bonne tenue aux vibrations.

Ils ont les mêmes dimensions de fixation et les mêmes arrangements que les connecteurs conformes à la norme MIL-C-5015.

Ils possèdent un système d'accouplement « Reverse Bayonet » incluant une bague ondulée qui garanti un verrouillage / déverrouillage rapide et empêche, lors de vibrations importantes, un désaccouplement intempestif.

Tous les connecteurs VG95234 possèdent un grommet assurant l'étanchéité des conducteurs.

Si des modifications sont requises sur les connecteurs VG95234 (traitement de surface, type de contacts, raccord arrière, etc...), ils ne seront livrables que sous la désignation GCB-B.

Les domaines d'utilisation de ces gammes sont le militaire, l'industriel, le ferroviaire, les machines-outils et la robotique.

## Gamme GCA-B

**Les connecteurs GCA-B sont à 100% interchangeables et intermariables avec les connecteurs GCB-B** et offrent un grand nombre d'arrangements supplémentaires non décrits dans la norme VG95234.

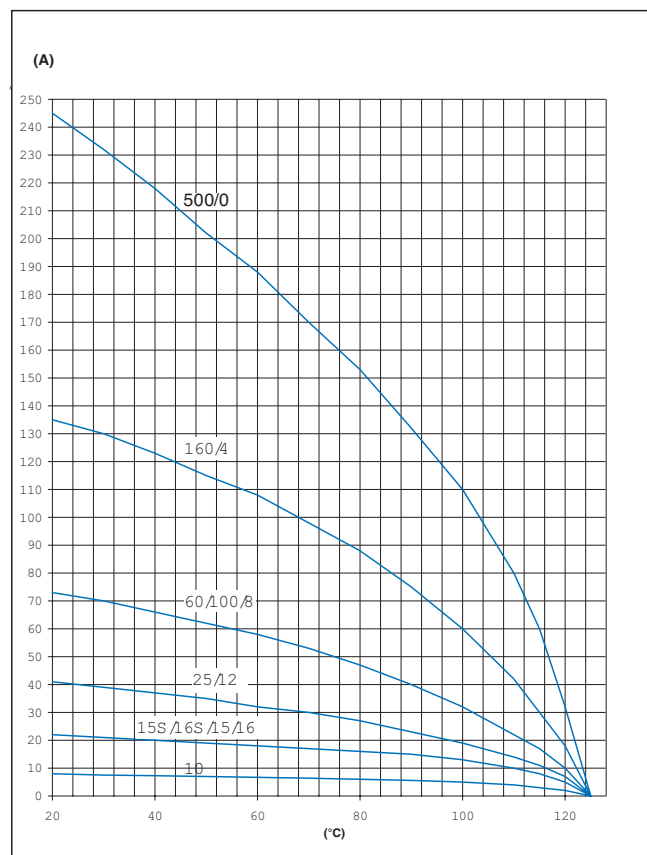
Ces connecteurs ont les mêmes caractéristiques techniques que la gamme GCB-B, à l'exception des contacts qui ont un design spécifique.

### Nennstrom bei 20°C / Nominal current at 20°C / Courant nominal à 20°C

| Kontaktgröße /<br>Contact size /<br>Taille de contact | Max. Nennstrom /<br>Max. nominal current /<br>Courant nominal maxi<br>(A) |
|-------------------------------------------------------|---------------------------------------------------------------------------|
| 10                                                    | 8                                                                         |
| 15S / 16S                                             | 22                                                                        |
| 15 / 16                                               | 22                                                                        |
| 25 / 12                                               | 41                                                                        |
| 60 / 100 / 8                                          | 74                                                                        |
| 160 / 4                                               | 135                                                                       |
| 500 / 0                                               | 245                                                                       |

### Betriebsstrom / Rated current / Courant d'utilisation

In Abhängigkeit von der Umgebungstemperatur / Depending  
on ambient temperature / En fonction de la température  
ambiante

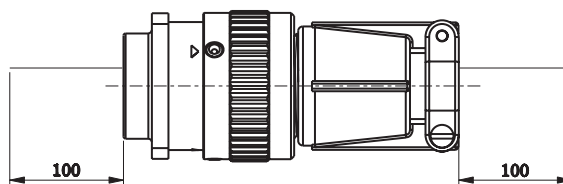


### Isolationswiderstand / Insulation resistance / Résistance d'isolement

≥ 1000 MΩ

### Durchgangswiderstand / Contact resistance / Résistance de contact

Die Messpunkte der untenstehenden Abbildung entnehmen /  
See picture below for measuring conditions / Voir les  
conditions de mesure suivant vue ci dessous



| Kontaktgröße /<br>Contact size /<br>Taille de contact | Max. Durchgangswiderstand /<br>Max. contact resistance /<br>Résistance de contact maxi<br>(mΩ) |
|-------------------------------------------------------|------------------------------------------------------------------------------------------------|
| 10                                                    | 12                                                                                             |
| 15S / 16S                                             | 6                                                                                              |
| 15 / 16                                               | 6                                                                                              |
| 25 / 12                                               | 3                                                                                              |
| 60 / 100 / 8                                          | 1                                                                                              |
| 160 / 4                                               | 0,5                                                                                            |
| 500 / 4                                               | 0,2                                                                                            |

### Spannungsfestigkeit / Dielectric withstanding voltage / Rigidité diélectrique

| Spannungsklasse /<br>Voltage class /<br>Classe de tension | Prüfspannung /<br>Test voltage /<br>Tension d'essai<br>Ueff (V) |
|-----------------------------------------------------------|-----------------------------------------------------------------|
| Instruments                                               | 1050                                                            |
| A                                                         | 2000                                                            |
| B                                                         | 4500                                                            |
| D                                                         | 2500                                                            |
| E                                                         | 3500                                                            |

### Luft- und Kriechstrecken / Air creepage and creeping distance / Distance d'isolement dans l'air et le long de la matière

| Spannungsklasse / Voltage<br>class / Classe de tension | Inst. | A   | B   | D   | E   |
|--------------------------------------------------------|-------|-----|-----|-----|-----|
| Wert / Value / Valeur (mm)                             | 0,7   | 1,1 | 5,5 | 2,8 | 4,8 |

### Betriebsspannung / Rated voltage / Tension d'utilisation

Werden die in diesem Katalog gezeigten Steckverbinder für  
Spannungen > 50 Veff gegen Erde eingesetzt, so sind die  
berührbaren Gehäuseteile zuverlässig in die Schutzmaß-  
nahmen des Gerätes mit einzubeziehen (siehe auch DIN VDE  
Teil 410 ; IEC 60364-4-41). Diese Steckverbinder dürfen  
betriebsmäßig nicht unter Spannung gesteckt oder getrennt  
werden.

If the connectors shown in this catalog are used for voltage  
> 50 Veff against earth, all accessible conductive parts have  
to be included reliably into the preventive measures of the  
equipment.

These connectors can not be connected or disconnected  
under voltage.

Si les connecteurs cités dans ce catalogue, utilisés avec une  
tension > 50 Veff sont reliés à la terre, il faut également relier  
les parties métalliques accessibles (voir également DIN VDE  
Partie 410; IEC 60364-4-41). Ces connecteurs ne doivent en  
aucun cas être connectés ou déconnectés sous tension.

**Umgebungstemperatur / Operating temperature /  
Température d'utilisation**

-55 / 125°C

**Steckzyklen / Cycles / Endurance**

500 min.

**Schutzart / IP code / Indice de protection**

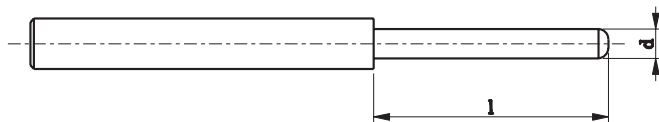
Alle Endgehäuse mit Grommet erfüllen IP67 (bei Einzeladern nur in vollbestücktem Zustand). Bei Steckern mit PG- oder metrischem Endgehäuse ist die Schutzart von der Schutzart des Adapters abhängig.

All backshells with grommet are IP 67 (only if all cavities are used). For connectors with PG- or metrical backshell, the IP code depends on the IP code of the adapter which will be used.

Tous les raccords avec grommet sont IP 67 (uniquement si toutes les cavités sont obturées). Pour les connecteurs avec raccord PG- ou métrique, le degré d'étanchéité dépend de celui du serre câble utilisé.

**Schwingung / Vibration / Vibration**200 m/s<sup>2</sup> bei 10 bis 2000 Hz200 m/s<sup>2</sup> at 10 to 2000 Hz200 m/s<sup>2</sup> pour 10 à 2000 Hz**Kontakthalterung / Contact retention /  
Rétention des contacts**

| Kontaktgröße /<br>Contact size /<br>Taille de contact | Prüfkraft / Test force /<br>Force de test<br>(N) |
|-------------------------------------------------------|--------------------------------------------------|
| 10                                                    | 30                                               |
| 15S / 16S                                             | 35                                               |
| 15 / 16                                               | 35                                               |
| 25 / 12                                               | 55                                               |
| 60 / 100 / 8                                          | 80                                               |
| 160 / 4                                               | 90                                               |
| 500 / 0                                               | 95                                               |

**Prüflehre / Gauge / Calibre**

| Prüflehre / Gauge /<br>Calibre | d<br>+0,01 | l<br>-1 |
|--------------------------------|------------|---------|
| G 0,99                         | 0,99       | 7       |
| G 1,56                         | 1,56       | 9       |
| G 2,36                         | 2,36       | 12      |
| G 3,58                         | 3,58       | 13      |
| G 5,69                         | 5,69       | 13      |
| G 9,04                         | 9,04       | 13      |

**Ziehkraft der Prüflehre in der Kontaktbuchse /  
Gauge extraction force in a female contact / Force  
d'extraction d'un calibre dans un contact femelle**

| Kontaktgröße /<br>Contact size /<br>Taille de contact | Prüfkraft / Test<br>force / Force de test<br>(N min) | Prüflehre /<br>Gauge /<br>Calibre |
|-------------------------------------------------------|------------------------------------------------------|-----------------------------------|
| 10                                                    | 0,3                                                  | G 0,99                            |
| 15S / 16S                                             | 1,0                                                  | G 1,56                            |
| 15 / 16                                               | 1,0                                                  | G 1,56                            |
| 25 / 12                                               | 1,5                                                  | G 2,36                            |
| 60 / 100 / 8                                          | 3,0                                                  | G 3,58                            |
| 160 / 4                                               | 4,0                                                  | G 5,69                            |
| 500 / 0                                               | 8,5                                                  | G 9,04                            |

**Kupplungsdrehmomente / Couplings torques /  
Force d'accouplement**

Werte sind im verkabelten Zustand geben /

Values are given in wired condition /

Les valeurs sont données pour des connecteurs câblés.

| Gehäusegröße /<br>Shell size /<br>Taille de boîtier | Zulässige Drehmomente / Admissible<br>torques / Moment admissible                |                                             |
|-----------------------------------------------------|----------------------------------------------------------------------------------|---------------------------------------------|
|                                                     | Schließen und Öffnen /<br>Close and open /<br>Fermeture et ouverture<br>N.m max. | Öffnen /<br>Open /<br>Ouverture<br>N.m min. |
| 10SL                                                | 1,7                                                                              | 0,15                                        |
| 14S                                                 | 3,6                                                                              | 0,35                                        |
| 16S / 16                                            | 5,5                                                                              | 0,46                                        |
| 18                                                  | 8,0                                                                              | 0,58                                        |
| 20                                                  | 9,0                                                                              | 0,70                                        |
| 22                                                  | 11,0                                                                             | 0,80                                        |
| 24                                                  | 14,0                                                                             | 0,80                                        |
| 28                                                  | 17,0                                                                             | 0,92                                        |
| 32                                                  | 19,0                                                                             | 1,03                                        |
| 36                                                  | 23,0                                                                             | 1,03                                        |

**Werkstoffe / Materials / Matières**

Gehäuse / Shells / Boîtiers –

Aluminiumlegierung / Aluminium alloy / Alliage d'aluminium

Oberfläche olivgrün / Olive drab finish / Finition vert olive

Andere Oberflächen / Other plating / Autres traitements -

Siehe Seite / See page / Voir page 7

Kontaktträger / Inserts / Inserts –

Neopren / Neoprene / Néoprène

Kontakte / Contacts / Contacts –

Kupferlegierung versilbert / Copper alloy silver plated/ Alliage  
cuivreux argenté

Andere Oberflächen / Other plating / Autres traitements -

Siehe Seite / See page / Voir page 7

|                                                                                                                    |                |          |          |             |          |          |          |          |          |
|--------------------------------------------------------------------------------------------------------------------|----------------|----------|----------|-------------|----------|----------|----------|----------|----------|
| <b>Bestellschlüssel nach VG95234 / How to order according to VG95234 / Système de référence suivant la VG95234</b> | <b>VG95234</b> | <b>D</b> | <b>-</b> | <b>32-6</b> | <b>S</b> | <b>1</b> | <b>N</b> | <b>1</b> | <b>-</b> |
| Norm / Standard / Norme                                                                                            |                |          |          |             |          |          |          |          |          |
| Gehäuseform / Shell style / Style de boîtier                                                                       |                |          |          |             |          |          |          |          |          |
| Gliederungszeichen / Combination symbol / Séparation                                                               |                |          |          |             |          |          |          |          |          |
| Gehäusegröße-Polbild / Shell size-Contact insert / Taille de boîtier – Insert                                      |                |          |          |             |          |          |          |          |          |
| Kontaktart / Contact type / Type de contact                                                                        |                |          |          |             |          |          |          |          |          |
| Anschlussart / Connection type / Type de raccordement                                                              |                |          |          |             |          |          |          |          |          |
| Winkelstellung / Angular position / Polarisation                                                                   |                |          |          |             |          |          |          |          |          |
| Mit oder ohne Kontakte / With or without contacts / Avec ou sans contacts                                          |                |          |          |             |          |          |          |          |          |
| Oberfläche / Finish / Surface                                                                                      |                |          |          |             |          |          |          |          |          |

| <b>Erläuterung zum Bestellschlüssel / How to order / Explication du système de référence</b> |                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
|----------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Norm / Standard / Norme                                                                      | VG95234                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Gehäuseform / Shell style / Style de boîtier                                                 | A, B1, B2 – Gerätesteckdose / Fixed connector / Embase à colerette carrée<br>D, G, H, L, M, R1, T – Gerader Stecker / Free connector straight / Mobile droite<br>E, E1, K – Stecker 90° abgewinkelt / Free connector angular type / Mobile coudée<br>F – Kabelverlängerung / Inline receptacle / Prolongateur<br>J1, J2, N1, N2, S1, S2, U1, U2 – Flanschsteckdose für Hinterwandmontage / Fixed connector for back panel mounting / Embase carrée pour montage arrière |
| Gehäusegröße / Shell size / Taille de boîtier                                                | 10SL, 14S, 16S, 16, 18, 20, 22, 24, 28, 32, 36                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Polbild / Contact insert / Insert                                                            | Siehe Seite / See page / Voir page 8-13                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Kontaktart / Contact type / Type de contact                                                  | P – Stift / Pin / Mâle<br>S – Buchse / Socket / Femelle                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Anschlussart / Connection type / Type de raccordement                                        | Ohne Kennziffer - Crimpkontakte für metrische Leiterquerschnitte /<br>Without identification number - Crimp contacts for metric conductor cross-sections /<br>Sans identification - Contacts à sertir pour conducteurs métriques<br><br>Mit Kennziffer 1 - Crimpkontakte für AWG-Leiterquerschnitte /<br>With identification number 1 - Crimp contact for AWG conductor cross-sections /<br>Avec identification 1 - Contacts à sertir pour conducteurs AWG              |
| Winkelstellung / Angular position / Polarisation                                             | Siehe Seite / See page / Voir page 8-13                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Mit oder ohne Kontakte / With or without contacts / Avec ou sans contacts                    | "1" Ohne Kontakte / Without contacts / Sans contacts<br>"- " Mit Kontakte / With contacts / Avec contacts                                                                                                                                                                                                                                                                                                                                                               |
| Oberfläche / Finish / Surface                                                                | Ohne Bezeichnung / Without designation / Sans désignation - Cadmium<br>B - Marinebronze / Marine bronze / Marine bronze<br>J - Zink-Zinn / Zinc-Tin / Zinc-Étain                                                                                                                                                                                                                                                                                                        |

**Bestellschlüssel nach Amphenol / How to order according to Amphenol / Système de référence Amphenol**

GCB 3106 E - 32-6 S N B - X

Baureihe / Series / Série

Gehäuseform / Shell style / Type de boîtier

Endgehäusotyp / Type of backshell / Type de raccord

Gliederungszeichen / Combination symbol / Séparation

Gehäusegröße-Polbild / Shell size-Contact insert / Taille de boîtier – Insert

Kontaktart / Contact type / Type de contact

Winkelstellung / Angular position / Polarisation

Steckverbinder mit Bajonett-Verschluss / Connector with bayonet coupling / Connecteur à baïonnette

Gliederungszeichen / Combination symbol / Séparation

Modifikation / Modification / Modification

**Erläuterung zum Bestellschlüssel / How to order / Explication du système de référence**

|                                                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
|-----------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Baureihe / Series / Série                           | GCB / GCA                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Gehäuseform / Shell style / Style de boîtier        | 3100 – Flanschsteckdose für Hinterwandmontage / Wall mount receptacle for rear panel mounting / Embase carrée pour montage arrière<br>3101 – Kabelverlängerung / Cable connecting receptacle / Prolongateur<br>3102 – Gerätesteckdose für Hinterwandmontage / Box mount receptacle for rear panel mounting / Embase sans possibilité de raccord pour montage arrière<br>3106 – Gerader Stecker / Free connector straight / Mobile droite<br>3107 – Steckdose für Einlochmontage / Receptacle for single hole mounting / Embase à fixation par écrou<br>3108 – Stecker 90° abgewinkelt / Free connector angular type / Mobile coudée                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| Endgehäusotyp / Type of backshell / Type de raccord | E – Endgehäuse mit Kabelklemme und Kabeltülle / Backshell with cable clamp and bushing / Raccord avec brides et manchon<br>F – Endgehäuse für Schutzschlauchanschluss / Backshell for conduit termination / Raccord pour conduit<br>FG – Endgehäuse für Schutzschlauchanschluss mit 360°HF-Abdichtung durch Massefingerring / Backshell for conduit termination with grounding fingers / Raccord pour conduit avec bague de masse<br>M – Endgehäuse für Schirmanbindung und Formschrumpfteile / Backshell for shielding braids and heat shrinkable endshells / Raccord pour raccordement de blindage et pour pièces thermorétractables<br>N – Endgehäuse für Schirmanbindung durch Einzelkonus und für Formschrumpfteile / Backshell for shielding braids by pressing with a nut and heat shrinkable endshells / Raccord pour raccordement de blindage par simple cône et pour pièces thermorétractables<br>PG – Endgehäuse mit PG-Gewinde, ohne Dichtkörper / Backshell with PG thread, without grommet / Raccord avec taraudage PG, sans grommet<br>PM – Endgehäuse mit metrischem Gewinde, ohne Dichtkörper / Backshell with metrical thread, without grommet / Raccord avec taraudage métrique, sans grommet<br>T – Endgehäuse für Formschrumpfteil / Backshell for heat shrinkable endshells / Raccord pour pièces thermorétractables<br>TG – Endgehäuse für Formschrumpfteil mit 360° HF-Abdichtung durch Massefingerring / Backshell for heat shrinkable endshells with grounding fingers / Raccord pour pièces thermorétractables avec bague de masse |
| Gehäusegröße / Shell size / Taille de boîtier       | 10SL, 14S, 16S, 16, 18, 20, 22, 24, 28, 32, 36                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| Polbild / Contact insert / Insert                   | Siehe Seite / See page / Voir page – 8-13, 33-50                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| Kontaktart / Contact type / Type de contact         | P – Stift / Pin / Mâle<br>S – Buchse / Socket / Femelle                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| Winkelstellung / Angular position / Polarisation    | Siehe Seite / See page / Voir page – 8-13, 33-50                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| Modifikation / Modification / Modification          | Siehe Seite / See page / Voir page – 7                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |



**Modifikation / Modification / Modification**

Standard-VG95234-Stecker werden mit Oberfläche in olivgrün und mit versilberten Crimp-Kontakten geliefert.

**Werden Steckverbinder nach VG95234 modifiziert gewünscht, wie z. B. mit Lötkontakten oder mit anderer Gehäuse- oder Kontaktoberfläche, kann nur unter Amphenol-Bezeichnung GCB-B bestellt werden.**

Standard connectors according to VG95234 are delivered with olive drab finish and silver plated crimp contacts.

**If VG95234 connectors with modification are required, for example with solder contacts or with other shell- or contact plating, you have to order only with Amphenol-Designation GCB-B.**

Les connecteurs suivant la norme VG95234 sont livrés avec un traitement de surface vert olive et avec des contacts argentés à sertir.

**Si vous désirez des connecteurs modifiés, comme par exemple avec des contacts à souder ou d'autres traitements de surface pour les boîtiers ou les contacts, vous devez utiliser la référence Amphenol GCB-B.**

| Modifikation / Modification / Modification                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | CX | FX | TX |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----|----|----|
| Kontakte / Contacts / Contacts<br>C0 – Metrische Crimp-Kontakte versilbert (Standard bei GCB-B) / Metrical contacts silver plated (standard in GCB-B series) / Contacts métriques argentés à sertir (standard pour la GCB-B)<br>C1 – Metrische Crimp-Kontakte vergoldet / Metrical crimp contacts gold plated / Contacts métriques dorés à sertir<br>C2 – AWG-Crimp-Kontakte versilbert (Standard bei GCA-B) / AWG crimp contacts silver plated (standard in GCA-B series) / Contacts AWG argentés à sertir (standard pour la GCA-B)<br>C3 – AWG-Crimp-Kontakte vergoldet / AWG crimp contacts gold plated / Contacts AWG dorés à sertir<br>C4 – Löt-Kontakte versilbert / Solder contacts silver plated / Contacts argentés à souder<br>C5 – Löt-Kontakte vergoldet / Solder contacts gold plated / Contacts dorés à souder<br>C6 – Ohne Kontakte / Without contacts / Sans contacts |    |    |    |
| Gehäuseoberfläche / Shell plating / Traitement de surface des boîtiers<br>Ohne Modifikation - Olivgrün / Without modification – Olive drab finish / Sans modification – Vert olive<br>F1 – Vernickelte Oberfläche / Nickel plating / Finition nickelée<br>F2 – Schwarze Zink-Kobalt-Oberfläche / Black zinc cobalt plating / Finition zinc-cobalt noir<br>F6 - Marinebronze / Marine bronze / Marine bronze<br>F7 - Edelstahl / Stainless steel / Inox<br>F8* - Zink-Zinn Oberfläche / Zinc-Tin plating / Finition zinc-étain                                                                                                                                                                                                                                                                                                                                                         |    |    |    |
| Gehäusespezifikationen / Shell specification / Spécification sur les boîtiers<br>Ohne Modifikation – Alle Gehäusetypen außer : / Without modification – All shell types except : /<br>Sans modification – Tous les types de boîtiers sauf :<br>T1 – Steckdose für Vorderwandmontage / Receptacle for front panel mounting / Embase pour montage de l'avant<br>T2 – Steckdose mit 4 Gewindebohrungen / Receptacle with 4 threaded holes / Embase avec 4 trous taraudés<br>T42 – Ohne Endgehäuse / Without backshell / Sans raccord                                                                                                                                                                                                                                                                                                                                                     |    |    |    |
| *nach VG95234 Ausführung J / According to VG95234 version J / Certifié VG95234 version J                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |    |    |    |



| Kontakt-<br>einsatz /<br>Contact<br>insert /<br>Insert | Anzahl der<br>Kontakte /<br>Number of<br>contacts /<br>Nombre de<br>contacts | Kontaktgröße / Contact size /<br>Taille de contact |          |                |          |          |          | Kontakt-<br>einsatz /<br>Contact<br>insert /<br>Insert | Anzahl der<br>Kontakte /<br>Number of<br>contacts /<br>Nombre de<br>contacts | Kontaktgröße / Contact size /<br>Taille de contact |          |                |          |          |          |
|--------------------------------------------------------|------------------------------------------------------------------------------|----------------------------------------------------|----------|----------------|----------|----------|----------|--------------------------------------------------------|------------------------------------------------------------------------------|----------------------------------------------------|----------|----------------|----------|----------|----------|
|                                                        |                                                                              | 500<br>0                                           | 160<br>4 | 60<br>100<br>8 | 25<br>12 | 15<br>16 | 10<br>20 |                                                        |                                                                              | 500<br>0                                           | 160<br>4 | 60<br>100<br>8 | 25<br>12 | 15<br>16 | 10<br>20 |
| 16-12                                                  | 1                                                                            |                                                    | 1        |                |          |          |          | 36-3                                                   | 6                                                                            | 3                                                  |          |                | 3        |          |          |
| 20-2                                                   | 1                                                                            | 1                                                  |          |                |          |          |          | 36-6                                                   | 6                                                                            | 2                                                  | 4        |                |          |          |          |
| 10SL-4                                                 | 2                                                                            |                                                    |          |                |          | 2        |          | 16S-1                                                  | 7                                                                            |                                                    |          |                |          | 7        |          |
| 16S-4                                                  | 2                                                                            |                                                    |          |                |          | 2        |          | 18-9                                                   | 7                                                                            |                                                    |          |                | 2        | 5        |          |
| 16A11                                                  | 2                                                                            |                                                    |          |                | 2        |          |          | 24-10                                                  | 7                                                                            |                                                    |          | 7              |          |          |          |
| 24-9                                                   | 2                                                                            |                                                    | 2        |                |          |          |          | 20A9                                                   | 9                                                                            |                                                    |          |                | 9        |          |          |
| 10SL-3                                                 | 3                                                                            |                                                    |          |                |          | 3        |          | 22-27                                                  | 9                                                                            |                                                    |          | 1              |          | 8        |          |
| 16-7                                                   | 3                                                                            |                                                    |          | 1              |          | 2        |          | 24-11                                                  | 9                                                                            |                                                    |          | 3              | 6        |          |          |
| 16-10                                                  | 3                                                                            |                                                    |          |                | 3        |          |          | 32-3                                                   | 9                                                                            | 1                                                  | 2        |                | 2        | 4        |          |
| 22-2                                                   | 3                                                                            |                                                    |          | 3              |          |          |          | 18-1                                                   | 10                                                                           |                                                    |          |                |          | 10       |          |
| 18-13                                                  | 4                                                                            |                                                    |          | 1              | 3        |          |          | 28-20                                                  | 14                                                                           |                                                    |          |                | 10       | 4        |          |
| 22-22                                                  | 4                                                                            |                                                    |          | 4              |          |          |          | 20A48                                                  | 19                                                                           |                                                    |          |                |          | 19       |          |
| 22B22                                                  | 4                                                                            |                                                    |          | 4              |          |          |          | 22-14                                                  | 19                                                                           |                                                    |          |                |          | 19       |          |
| 36-5                                                   | 4                                                                            | 4                                                  |          |                |          |          |          | 28-11                                                  | 22                                                                           |                                                    |          |                | 4        | 18       |          |
| 18-11                                                  | 5                                                                            |                                                    |          |                | 5        |          |          | 32-6                                                   | 23                                                                           |                                                    | 2        | 3              | 2        | 16       |          |
| 22-12                                                  | 5                                                                            |                                                    |          | 2              |          | 3        |          | 24-28                                                  | 24                                                                           |                                                    |          |                |          | 24       |          |
| 24-12                                                  | 5                                                                            |                                                    | 2        |                | 3        |          |          | 28A63                                                  | 28                                                                           |                                                    |          |                | 9        | 19       |          |
| 32-1                                                   | 5                                                                            | 2                                                  |          |                | 3        |          |          | 32-7                                                   | 35                                                                           |                                                    |          |                | 7        | 28       |          |
| 14S-6                                                  | 6                                                                            |                                                    |          |                |          | 6        |          | 28-21                                                  | 37                                                                           |                                                    |          |                |          | 37       |          |
| 20-8                                                   | 6                                                                            |                                                    |          | 2              |          | 4        |          | 36-10                                                  | 48                                                                           |                                                    |          |                |          | 48       |          |
| 28-22                                                  | 6                                                                            |                                                    | 3        |                |          | 3        |          | 32A69                                                  | 61                                                                           |                                                    |          |                |          | 20       | 41       |

## Winkelstellung / Angular position / Polarisation

### Winkelstellung der Kontakteinsätze / Angular position of the contact inserts / Polarisation des inserts

Die Winkelstellungen W, X, Y und Z werden angewendet, wenn bei Steckverbindern gleicher Größe und gleicher Polzahl eine Unverwechselbarkeit gefordert wird.

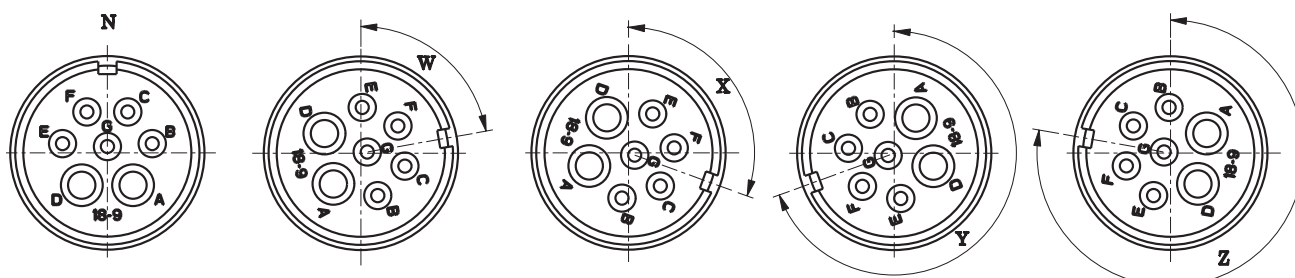
Die nachstehenden Bilder stellen die Ansicht auf die Vorderseite des Stifteinsatzes oder auf die Anschlussseite des Buchseneinsatzes dar.

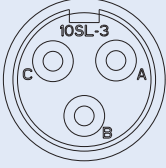
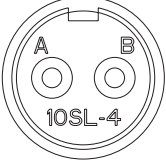
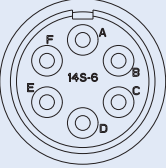
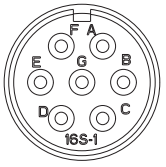
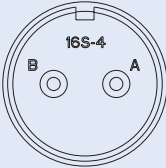
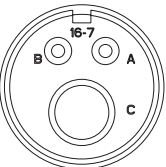
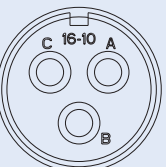
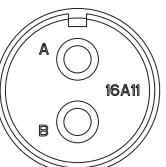
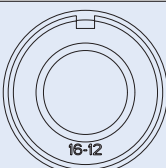
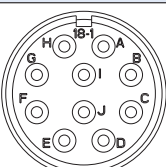
The angular positions W, X, Y and Z are used when polarisation is required for connectors of the same size and same number of poles.

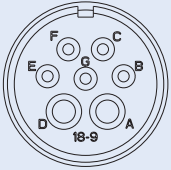
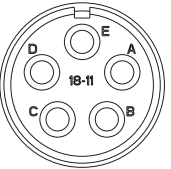
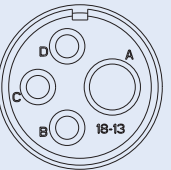
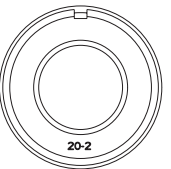
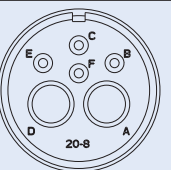
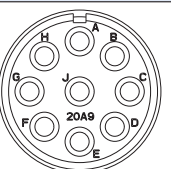
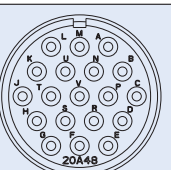
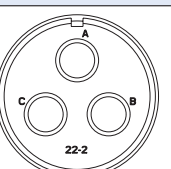
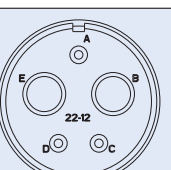
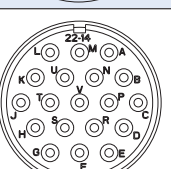
The following figures show the view on the front face of the pin insert or the termination face of the socket insert.

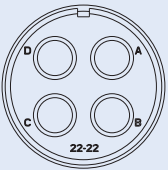
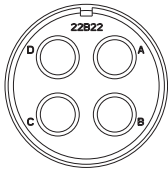
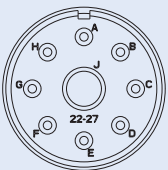
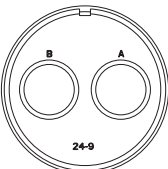
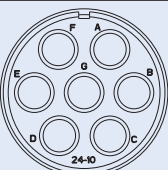
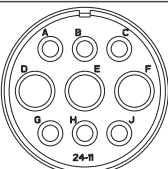
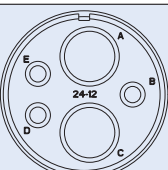
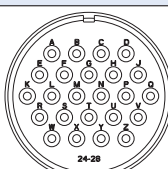
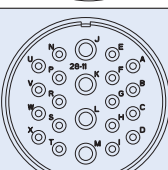
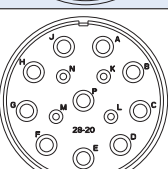
Les polarisations W, X, Y et Z sont utilisées pour différencier les connecteurs juxtaposés de même arrangement.

Les vues ci-dessous montrent la face avant d'un insert mâle ou la face arrière d'un insert femelle.

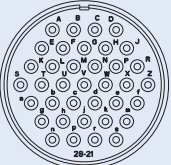
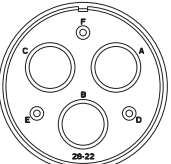
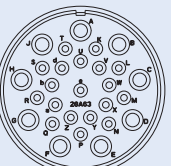
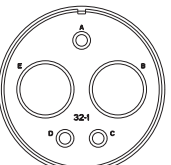
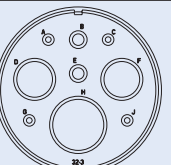
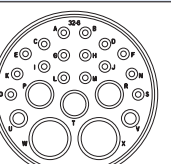
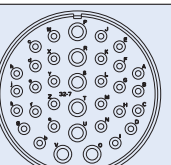
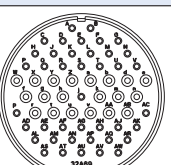
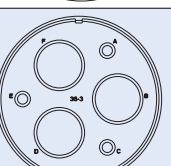
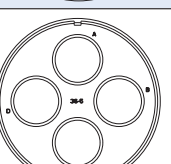


| Ansicht auf die Vorderseite des<br>Stifteinsatzes/<br>Front face of pin insert illustrated/<br>Vue face avant de l'insert mâle | Polbild /<br>Contact<br>arrangement/<br>Arrangement | Kontakte / Contacts /<br>Contacts                                   |                             | Spannungsklasse<br>für Kontakte /<br>Voltage class for<br>contacts / Tension<br>d'utilisation des<br>contacts | Winkelstellung der Kontakteinsätze in Grad /<br>Angular position of the contact inserts<br>in degrees / Polarisation des inserts en degrés |   |     |     |   |
|--------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------|---------------------------------------------------------------------|-----------------------------|---------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------|---|-----|-----|---|
|                                                                                                                                |                                                     | Anzahl /<br>Number /<br>Nombre                                      | Größe /<br>Size /<br>Taille |                                                                                                               | N                                                                                                                                          | W | X   | Y   | Z |
|                                               | 10SL-3                                              | 3                                                                   | 15S                         | A                                                                                                             | 0                                                                                                                                          | - | -   | -   | - |
|                                               | 10SL-4                                              | 2                                                                   | 15S                         | A                                                                                                             | 0                                                                                                                                          | - | -   | -   | - |
|                                               | 14S-6                                               | 6                                                                   | 15S                         | Inst.                                                                                                         | 0                                                                                                                                          | - | -   | -   | - |
|                                              | 16S-1                                               | 7                                                                   | 15S                         | A                                                                                                             | 0                                                                                                                                          | - | -   | -   | - |
|                                             | 16S-4                                               | 2                                                                   | 15S                         | D                                                                                                             | 0                                                                                                                                          | - | 110 | 250 | - |
|                                             | 16-7                                                | 2                                                                   | 15                          | A                                                                                                             | 0                                                                                                                                          | - | 110 | 250 | - |
|                                                                                                                                |                                                     | 1                                                                   | 100                         |                                                                                                               |                                                                                                                                            |   |     |     |   |
|                                             | 16-10                                               | 3                                                                   | 25                          | A                                                                                                             | 0                                                                                                                                          | - | 180 | 270 | - |
|                                             | 16A11                                               | 2<br>für Stifteinsatz<br>for pin insert<br>pour insert mâle         | 25A                         | A                                                                                                             | 0                                                                                                                                          | - | 110 | 250 | - |
|                                                                                                                                |                                                     | 2<br>für Buchseneinsatz<br>for socket insert<br>pour insert femelle | 25                          |                                                                                                               |                                                                                                                                            |   |     |     |   |
|                                             | 16-12                                               | 1                                                                   | 160                         | A                                                                                                             | 0                                                                                                                                          | - | -   | -   | - |
|                                             | 18-1                                                | 10                                                                  | 15                          | B,C,F,G – A<br>A,D,E,H,I,J – Inst.                                                                            | 0                                                                                                                                          | - | 145 | 215 | - |

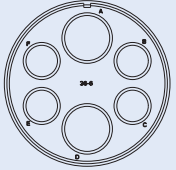
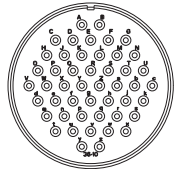
| Ansicht auf die Vorderseite des<br>Stifteinsatzes/<br>Front face of pin insert illustrated/<br>Vue face avant de l'insert mâle | Polbild /<br>Contact<br>arrangement/<br>Arrangement | Kontakte / Contacts /<br>Contacts |                             | Spannungsklasse<br>für Kontakte /<br>Voltage class for<br>contacts / Tension<br>d'utilisation des<br>contacts | Winkelstellung der Kontakteinsätze in Grad /<br>Angular position of the contact inserts<br>in degrees / Polarisation des inserts en degrés |    |     |     |     |
|--------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------|-----------------------------------|-----------------------------|---------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------|----|-----|-----|-----|
|                                                                                                                                |                                                     | Anzahl /<br>Number /<br>Nombre    | Größe /<br>Size /<br>Taille |                                                                                                               | N                                                                                                                                          | W  | X   | Y   | Z   |
|                                               | 18-9                                                | 5                                 | 15                          | Inst.                                                                                                         | 0                                                                                                                                          | 80 | 110 | 250 | 280 |
|                                                                                                                                |                                                     | 2                                 | 25                          |                                                                                                               |                                                                                                                                            |    |     |     |     |
|                                               | 18-11                                               | 5                                 | 25                          | A                                                                                                             | 0                                                                                                                                          | -  | 170 | 265 | -   |
|                                               | 18-13                                               | 3                                 | 25                          | A                                                                                                             | 0                                                                                                                                          | -  | 110 | 250 | -   |
|                                                                                                                                |                                                     | 1                                 | 60                          |                                                                                                               |                                                                                                                                            |    |     |     |     |
|                                              | 20-2                                                | 1                                 | 500                         | D                                                                                                             | 0                                                                                                                                          | -  | -   | -   | -   |
|                                             | 20-8                                                | 4                                 | 15                          | Inst.                                                                                                         | 0                                                                                                                                          | -  | 110 | 250 | -   |
|                                                                                                                                |                                                     | 2                                 | 100                         |                                                                                                               |                                                                                                                                            |    |     |     |     |
|                                             | 20A9                                                | 9                                 | 25                          | J – D<br>Alle anderen / All<br>others / Autres – Inst.                                                        | 0                                                                                                                                          | -  | 110 | 250 | -   |
|                                             | 20A48                                               | 19                                | 15                          | Inst.                                                                                                         | 0                                                                                                                                          | -  | 80  | 280 | -   |
|                                             | 22-2                                                | 3                                 | AWG 8                       | D                                                                                                             | 0                                                                                                                                          | -  | 145 | 215 | -   |
|                                             | 22-12                                               | 3                                 | 15                          | D                                                                                                             | 0                                                                                                                                          | -  | 110 | 250 | -   |
|                                                                                                                                |                                                     | 2                                 | 100                         |                                                                                                               |                                                                                                                                            |    |     |     |     |
|                                             | 22-14                                               | 19                                | 15                          | A                                                                                                             | 0                                                                                                                                          | -  | -   | -   | -   |

| Ansicht auf die Vorderseite des<br>Stifteinsatzes/<br>Front face of pin insert illustrated/<br>Vue face avant de l'insert mâle | Polbild /<br>Contact<br>arrangement/<br>Arrangement | Kontakte / Contacts /<br>Contacts |                             | Spannungsklasse<br>für Kontakte /<br>Voltage class for<br>contacts / Tension<br>d'utilisation des<br>contacts | Winkelstellung der Kontakteinsätze in Grad /<br>Angular position of the contact inserts<br>in degrees / Polarisation des inserts en degrés |    |     |     |     |
|--------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------|-----------------------------------|-----------------------------|---------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------|----|-----|-----|-----|
|                                                                                                                                |                                                     | Anzahl /<br>Number /<br>Nombre    | Größe /<br>Size /<br>Taille |                                                                                                               | N                                                                                                                                          | W  | X   | Y   | Z   |
|                                               | 22-22                                               | 4                                 | 100                         | A                                                                                                             | 0                                                                                                                                          | -  | 110 | 250 | -   |
|                                               | 22B22                                               | 4                                 | 60                          | A                                                                                                             | 0                                                                                                                                          | -  | 110 | 250 | -   |
|                                               | 22-27                                               | 8                                 | 15                          | J – D<br>Alle anderen / All<br>others / Autres – A                                                            | 0                                                                                                                                          | -  | -   | 250 | -   |
|                                                                                                                                |                                                     | 1                                 | 60                          |                                                                                                               |                                                                                                                                            |    |     |     |     |
|                                              | 24-9                                                | 2                                 | AWG 4                       | A                                                                                                             | 0                                                                                                                                          | 35 | 110 | 250 | 325 |
|                                             | 24-10                                               | 7                                 | 100                         | A                                                                                                             | 0                                                                                                                                          | -  | -   | -   | -   |
|                                             | 24-11                                               | 6                                 | AWG 12 (*)<br>/ Metr. 25    | A                                                                                                             | 0                                                                                                                                          | -  | 110 | 250 | -   |
|                                                                                                                                |                                                     | 3                                 | AWG 8 (*)<br>/ Metr. 100    |                                                                                                               |                                                                                                                                            |    |     |     |     |
|                                             | 24-12                                               | 3                                 | AWG 12                      | A                                                                                                             | 0                                                                                                                                          | -  | 110 | 250 | -   |
|                                                                                                                                |                                                     | 2                                 | AWG 4                       |                                                                                                               |                                                                                                                                            |    |     |     |     |
|                                             | 24-28                                               | 24                                | 15                          | Inst.                                                                                                         | 0                                                                                                                                          | -  | 110 | 250 | -   |
|                                             | 28-11                                               | 18                                | 15                          | A                                                                                                             | 0                                                                                                                                          | 80 | 110 | 250 | 280 |
|                                                                                                                                |                                                     | 4                                 | 25                          |                                                                                                               |                                                                                                                                            |    |     |     |     |
|                                             | 28-20                                               | 4                                 | 15                          | A                                                                                                             | 0                                                                                                                                          | -  | 110 | 250 | -   |
|                                                                                                                                |                                                     | 10                                | 25                          |                                                                                                               |                                                                                                                                            |    |     |     |     |

(\*) Nicht für Neukonstruktionen / Not for new design / Pas pour nouveau développement

| Ansicht auf die Vorderseite des<br>Stifteinsatzes/<br>Front face of pin insert illustrated/<br>Vue face avant de l'insert mâle | Polbild /<br>Contact<br>arrangement/<br>Arrangement | Kontakte / Contacts /<br>Contacts |                             | Spannungsklasse<br>für Kontakte /<br>Voltage class for<br>contacts / Tension<br>d'utilisation des<br>contacts | Winkelstellung der Kontakteinsätze in Grad /<br>Angular position of the contact inserts<br>in degrees / Polarisation des inserts en degrés |    |     |     |     |
|--------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------|-----------------------------------|-----------------------------|---------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------|----|-----|-----|-----|
|                                                                                                                                |                                                     | Anzahl /<br>Number /<br>Nombre    | Größe /<br>Size /<br>Taille |                                                                                                               | N                                                                                                                                          | W  | X   | Y   | Z   |
|                                               | 28-21                                               | 37                                | 15                          | A                                                                                                             | 0                                                                                                                                          | -  | 110 | 250 | -   |
|                                               | 28-22                                               | 3                                 | AWG 16 (*)<br>/ Metr. 15    | D                                                                                                             | 0                                                                                                                                          | 70 | 145 | 215 | 290 |
|                                                                                                                                |                                                     | 3                                 | AWG 4 (*)<br>/ Metr. 160    |                                                                                                               |                                                                                                                                            |    |     |     |     |
|                                               | 28A63                                               | 19                                | 15                          | Inst.                                                                                                         | 0                                                                                                                                          | -  | 100 | 260 | -   |
|                                                                                                                                |                                                     | 9                                 | 25                          |                                                                                                               |                                                                                                                                            |    |     |     |     |
|                                              | 32-1                                                | 3                                 | AWG 12 (*)<br>/ Metr. 25    | A – E                                                                                                         | 0                                                                                                                                          | -  | 110 | 250 | -   |
|                                                                                                                                |                                                     | 2                                 | AWG 0 (*)<br>/ Metr. 500    | Alle anderen / All<br>others / Autres – D                                                                     |                                                                                                                                            |    |     |     |     |
|                                             | 32-3                                                | 4                                 | AWG 16                      | D                                                                                                             | 0                                                                                                                                          | -  | 110 | 250 | -   |
|                                                                                                                                |                                                     | 2                                 | AWG 12                      |                                                                                                               |                                                                                                                                            |    |     |     |     |
|                                                                                                                                |                                                     | 2                                 | AWG 4                       |                                                                                                               |                                                                                                                                            |    |     |     |     |
|                                                                                                                                |                                                     | 1                                 | AWG 0                       |                                                                                                               |                                                                                                                                            |    |     |     |     |
|                                             | 32-6                                                | 16                                | AWG 16 (*)<br>/ Metr. 15    | A                                                                                                             | 0                                                                                                                                          | -  | 110 | 250 | -   |
|                                                                                                                                |                                                     | 2                                 | AWG 12 (*)<br>/ Metr. 25    |                                                                                                               |                                                                                                                                            |    |     |     |     |
|                                                                                                                                |                                                     | 3                                 | AWG 8 (*)<br>/ Metr. 60     |                                                                                                               |                                                                                                                                            |    |     |     |     |
|                                                                                                                                |                                                     | 2                                 | AWG 4 (*)<br>/ Metr. 160    |                                                                                                               |                                                                                                                                            |    |     |     |     |
|                                             | 32-7                                                | 28                                | 15                          | Inst.                                                                                                         | 0                                                                                                                                          | -  | 125 | 235 | -   |
|                                                                                                                                |                                                     | 7                                 | 25                          |                                                                                                               |                                                                                                                                            |    |     |     |     |
|                                             | 32A69                                               | 41                                | 10                          | Inst.                                                                                                         | 0                                                                                                                                          | -  | 110 | 250 | -   |
|                                                                                                                                |                                                     | 20                                | 15                          |                                                                                                               |                                                                                                                                            |    |     |     |     |
|                                             | 36-3                                                | 3                                 | AWG 12 (*)<br>/ Metr. 25    | D                                                                                                             | 0                                                                                                                                          | 70 | 145 | 215 | 290 |
|                                                                                                                                |                                                     | 3                                 | AWG 0 (*)<br>/ Metr. 500    |                                                                                                               |                                                                                                                                            |    |     |     |     |
|                                             | 36-5                                                | 4                                 | AWG 0 (*)<br>/ Metr. 500    | A                                                                                                             | 0                                                                                                                                          | -  | 120 | 240 | -   |

(\*) Nicht für Neukonstruktionen / Not for new design / Pas pour nouveau développement

| Ansicht auf die Vorderseite des Stifteinsatzes/<br>Front face of pin insert illustrated/<br>Vue face avant de l'insert mâle | Polbild /<br>Contact<br>arrangement/<br>Arrangement | Kontakte / Contacts /<br>Contacts |                             | Spannungsklasse<br>für Kontakte /<br>Voltage class for<br>contacts / Tension<br>d'utilisation des<br>contacts | Winkelstellung der Kontakteinsätze in Grad /<br>Angular position of the contact inserts<br>in degrees / Polarisation des inserts en degrés |   |     |     |   |
|-----------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------|-----------------------------------|-----------------------------|---------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------|---|-----|-----|---|
|                                                                                                                             |                                                     | Anzahl /<br>Number /<br>Nombre    | Größe /<br>Size /<br>Taille |                                                                                                               | N                                                                                                                                          | W | X   | Y   | Z |
|                                            | 36-6                                                | 4                                 | AWG 4                       | A                                                                                                             | 0                                                                                                                                          | - | 110 | 250 | - |
|                                                                                                                             |                                                     | 2                                 | AWG 0                       |                                                                                                               |                                                                                                                                            |   |     |     |   |
|                                            | 36-10                                               | 48                                | 15                          | A                                                                                                             | 0                                                                                                                                          | - | 125 | 235 | - |

## Einbaumaße / Mounting dimensions / Cotes d'encombrement

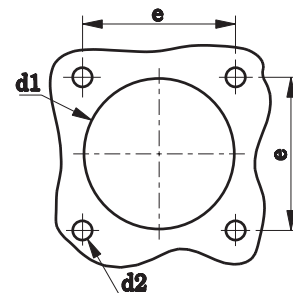
Einbaulöcher für feste Steckverbinder Form A, B1, B2, J1, J2

N1, N2, S1, S2, U1 und U2.

Mounting inlets for fixed connectors style A, B1, B2, J1, J2,

N1, N2, S1, S2, U1 and U2.

Découpe des panneaux pour montage des embases style A, B1,  
B2, J1, J2, N1, N2, S1, S2, U1 et U2.



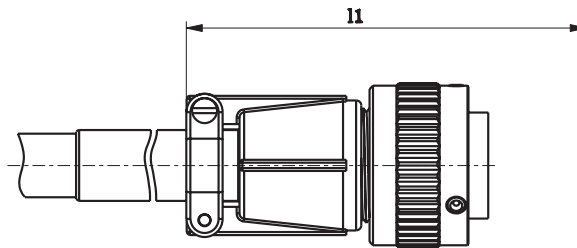
| Gehäusegröße /<br>Shell size / Taille<br>de boîtier | d <sub>1</sub>       |                                                               | d <sub>2</sub>                              |                                         | e<br>± 0,15 | Zu verwendende Schrauben nach <sup>(1)</sup> /<br>Applicable screws according to <sup>(1)</sup> /<br>Utilisation de vis suivant <sup>(1)</sup> |                                                    |
|-----------------------------------------------------|----------------------|---------------------------------------------------------------|---------------------------------------------|-----------------------------------------|-------------|------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------|
|                                                     | Form<br>(Style)<br>A | Form<br>(Style)<br>B1, B2, J1, J2<br>N1, N2, S1, S2<br>U1, U2 | Form<br>(Style)<br>A, B2, J2,<br>N2, S2, U2 | Form<br>(Style)<br>B1, J1, N1<br>S1, U1 |             | DIN 85<br>Form<br>(Style)<br>A, B2, J2,<br>N2, S2, U2                                                                                          | DIN 84<br>Form<br>(Style)<br>B1, J1, N1,<br>S1, U1 |
| 10SL                                                | 17,0                 | 19,1                                                          | 3,4                                         | 4,5                                     | 18,2        | M3                                                                                                                                             | M4                                                 |
| 14S                                                 | 20,0                 | 25,5                                                          | 3,4                                         | 4,5                                     | 23,0        | M3                                                                                                                                             | M4                                                 |
| 16S                                                 | 23,0                 | 28,3                                                          | 3,4                                         | 4,5                                     | 24,6        | M3                                                                                                                                             | M4                                                 |
| 16                                                  | 23,0                 | 28,3                                                          | 3,4                                         | 4,5                                     | 24,6        | M3                                                                                                                                             | M4                                                 |
| 18                                                  | 26,5                 | 31,7                                                          | 3,4                                         | 4,5                                     | 27,0        | M3                                                                                                                                             | M4                                                 |
| 20                                                  | 30,0                 | 35,0                                                          | 3,4                                         | 4,5                                     | 29,4        | M3                                                                                                                                             | M4                                                 |
| 22                                                  | 33,0                 | 38,3                                                          | 3,4                                         | 4,5                                     | 31,8        | M3                                                                                                                                             | M4                                                 |
| 24                                                  | 36,0                 | 41,8                                                          | 3,9                                         | 4,5                                     | 34,9        | M3,5                                                                                                                                           | M4                                                 |
| 28                                                  | 42,0                 | 47,6                                                          | 3,9                                         | 5,5                                     | 39,7        | M3,5                                                                                                                                           | M5                                                 |
| 32                                                  | 48,5                 | 54,3                                                          | 4,5                                         | 5,5                                     | 44,5        | M4                                                                                                                                             | M5                                                 |
| 36                                                  | 55,0                 | 60,5                                                          | 4,5                                         | 5,5                                     | 49,2        | M4                                                                                                                                             | M5                                                 |

<sup>(1)</sup> Bei Verwendung von Sicherungselementen ist darauf zu achten, dass der Außendurchmesser derselben nicht größer als der Durchmesser des Schraubenkopfes ist /

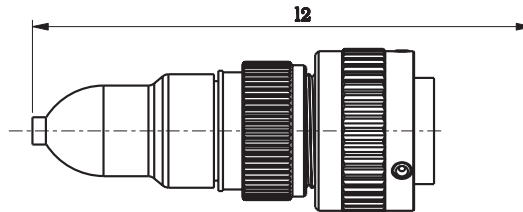
For using safety elements care shall be taken that the external diameter of safety elements is not larger than the diameter of the screw head /

Lors de l'utilisation d'éléments de sécurité, il faut s'assurer que le diamètre extérieur n'est pas plus grand que le diamètre extérieur de la tête de vis.

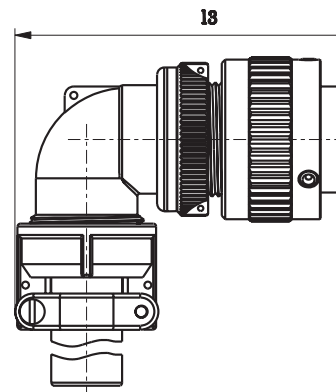
Steckerform / Connector type / Type de connecteur –  
D



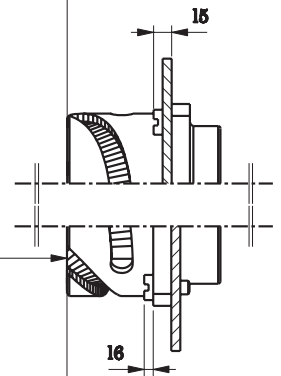
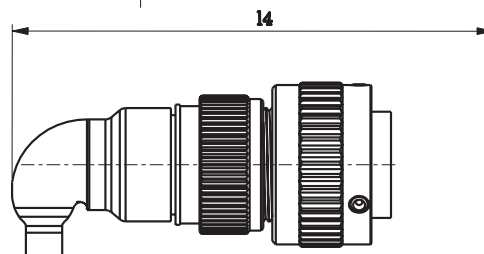
Steckerform / Connector type / Type de connecteur –  
G, M, R1, T



Steckerform / Connector type / Type de connecteur –  
E, E1, K

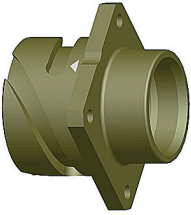
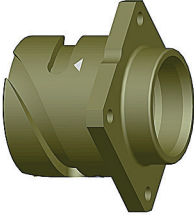
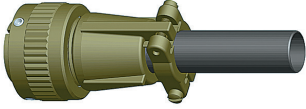
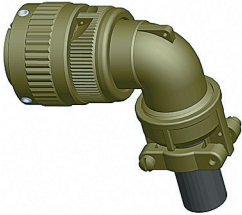
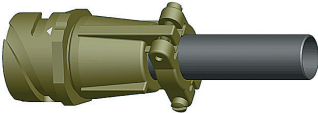
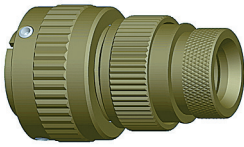
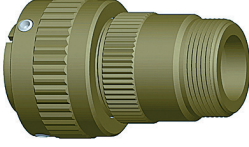
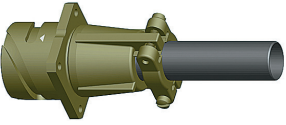
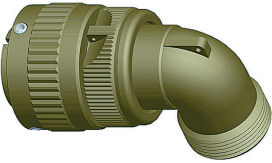
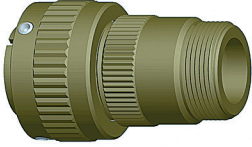
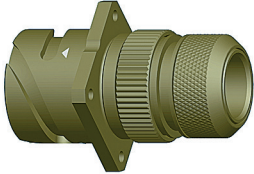
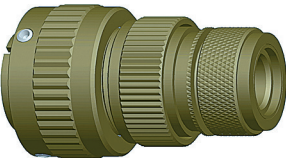
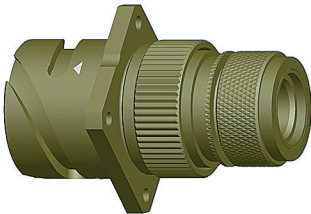
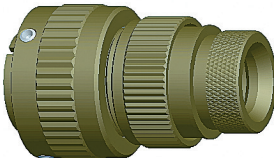
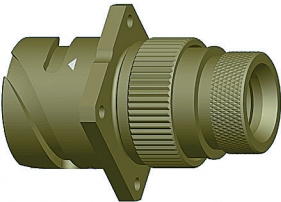
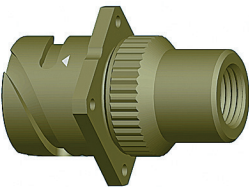
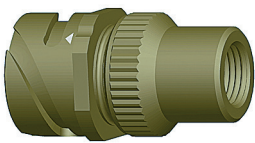
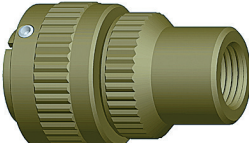
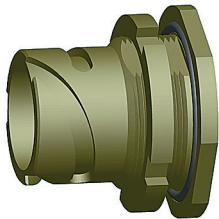


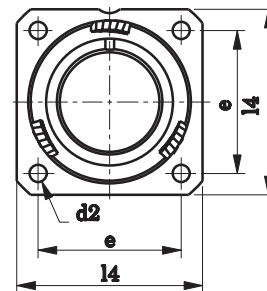
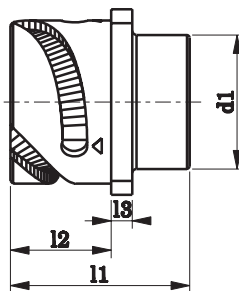
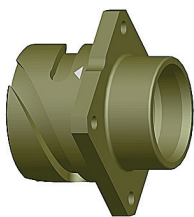
Steckerform / Connector type / Type de connecteur –  
G, M, R1



| Gehäusegröße /<br>Shell size /<br>Taille de boîtier | $l_1$<br>min. | $l_2$<br>min. | $l_3$<br>min. | $l_4$<br>min. | $l_5$<br>max. | $l_5$<br>max. |
|-----------------------------------------------------|---------------|---------------|---------------|---------------|---------------|---------------|
| 10SL                                                | 70            | 70            | 70            | 65            | 8,0           | 3,5           |
| 14S                                                 | 70            | 75            | 75            | 70            | 8,0           | 3,5           |
| 16S                                                 | 70            | 90            | 80            | 80            | 8,0           | 3,5           |
| 16                                                  | 80            | 100           | 90            | 90            | 8,0           | 3,5           |
| 18                                                  | 90            | 100           | 90            | 90            | 8,0           | 3,5           |
| 20                                                  | 90            | 100           | 95            | 100           | 8,0           | 3,5           |
| 22                                                  | 90            | 100           | 95            | 100           | 8,0           | 3,5           |
| 24                                                  | 110           | 120           | 105           | 110           | 8,0           | 5,0           |
| 28                                                  | 110           | 120           | 105           | 110           | 9,0           | 5,0           |
| 32                                                  | 110           | 180           | 115           | 120           | 9,0           | 6,0           |
| 36                                                  | 110           | 190           | 120           | 130           | 9,0           | 6,0           |



|                                                                                     |                                                                                     |                                                                                      |                                                                                       |
|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
| VG95234 Form (Style) A<br>GCB-B / GCA-B 3102<br>Seite (Page) 17                     | VG95234 Form (Style) B1 / B2<br>GCB-B / GCA-B 3102<br>Seite (Page) 17               | VG95234 Form (Style) D<br>GCB-B / GCA-B3106 E<br>Seite (Page) 18                     | VG95234 Form (Style) E<br>GCB-B / GCA-B 3108 E<br>Seite (Page) 18                     |
|    |    |    |    |
| VG95234 Form (Style) F<br>GCB-B / GCA-B 3101 E<br>Seite (Page) 19                   | VG95234 Form (Style) G<br>GCB-B / GCA-B 3106 T<br>Seite (Page) 19                   | VG95234 Form (Style) H<br>GCB-B / GCA-B 3106 F<br>Seite (Page) 20                    | VG95234 Form (Style) J1 / J2<br>GCB-B / GCA-B 3100 E<br>Seite (Page) 20               |
|    |    |    |    |
| VG95234 Form (Style) K<br>GCB-B / GCA-B 3108 FG<br>Seite (Page) 21                  | VG95234 Form (Style) L<br>GCB-B / GCA-B 3106 FG<br>Seite (Page) 21                  | VG95234 Form (Style) M<br>GCB-B / GCA-B 3106 M<br>Seite (Page) 22                    | VG95234 Form (Style) N1 / N2<br>GCB-B / GCA-B 3100 M<br>Seite (Page) 22               |
|  |  |  |  |
| VG95234 Form (Style) R1<br>GCB-B / GCA-B 3106 N<br>Seite (Page) 23                  | VG95234 Form (Style) S1 / S2<br>GCB-B / GCA-B 3100 N<br>Seite (Page) 23             | VG95234 Form (Style) T<br>GCB-B / GCA-B 3106 TG<br>Seite (Page) 24                   | VG95234 Form (Style) U1 / U2<br>GCB-B / GCA-B 3100 T<br>Seite (Page) 24               |
|  |  |  |  |
| GCB-B / GCA-B 3100 PG – PM<br>Seite (Page) 29                                       | GCB-B / GCA-B 3101 PG – PM<br>Seite (Page) 29                                       | GCB-B / GCA-B 3106 PG – PM<br>Seite (Page) 30                                        | GCB-B / GCA-B 3107<br>Seite (Page) 30                                                 |
|  |  |  |  |



Fester Steckverbinder mit Montageflansch, für Vorderwandmontage.  
Fixed connector with mounting flange for front panel mounting.  
Embase à collerette carrée pour montage sur panneau de l'avant.

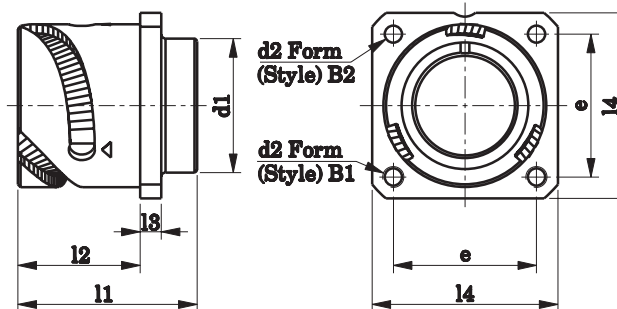
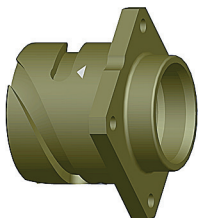
Beispiel / Example / Exemple

- VG95234A-18-1SN
- GCB3102-18-1SNB-T1
- GCA3102-18-1SNB-T1

| Gehäusegröße /<br>Shell size /<br>Taille de boîtier | d <sub>1</sub><br>max. | d <sub>2</sub><br>H13 | e<br>±0,1 | l <sub>1</sub><br>±0,3 | l <sub>2</sub><br>+0,4 | l <sub>3</sub><br>±0,2 | l <sub>4</sub><br>±0,3 | Masse /<br>Mass<br>g max. (1) |
|-----------------------------------------------------|------------------------|-----------------------|-----------|------------------------|------------------------|------------------------|------------------------|-------------------------------|
| 10SL                                                | 16,2                   | 3,2                   | 18,2      | 24,7                   | 14,2                   | 2,8                    | 25,4                   | 12                            |
| 14S                                                 | 19,2                   | 3,2                   | 23,0      | 24,7                   | 14,2                   | 3,2                    | 30,0                   | 17                            |
| 16S                                                 | 22,4                   | 3,2                   | 24,6      | 24,7                   | 14,2                   | 3,2                    | 32,5                   | 19                            |
| 16                                                  | 22,4                   | 3,2                   | 24,6      | 33,8                   | 19,0                   | 3,2                    | 32,5                   | 22                            |
| 18                                                  | 25,6                   | 3,2                   | 27,0      | 33,8                   | 19,0                   | 4,0                    | 35,0                   | 28                            |
| 20                                                  | 29,0                   | 3,2                   | 29,4      | 33,8                   | 19,0                   | 4,0                    | 38,0                   | 33                            |
| 22                                                  | 32,2                   | 3,2                   | 31,8      | 33,8                   | 19,0                   | 4,0                    | 41,0                   | 38                            |
| 24                                                  | 35,3                   | 3,7                   | 34,9      | 33,8                   | 20,6                   | 4,0                    | 44,5                   | 46                            |
| 28                                                  | 41,4                   | 3,7                   | 39,7      | 33,8                   | 20,6                   | 4,0                    | 50,8                   | 52                            |
| 32                                                  | 47,8                   | 4,3                   | 44,5      | 33,8                   | 22,2                   | 4,0                    | 57,0                   | 64                            |
| 36                                                  | 54,1                   | 4,3                   | 49,2      | 33,8                   | 22,2                   | 4,0                    | 63,5                   | 80                            |

(1) Masse ohne Kontakteinsätze / Mass without contact inserts / Masse sans inserts

## VG95234 Form B1, B2 / VG95234 Style B1, B2



Fester Steckverbinder mit Montageflansch, für Hinterwandmontage.  
Form B1 mit 4 Gewindebohrungen oder B2 mit 4 Durchgangsbohrungen.  
Fixed connector with mounting flange for back panel mounting.  
Style B1 with 4 threaded holes or style B2 with 4 entry holes.  
Embase à collerette carrée pour montage sur panneau de l'arrière.  
Style B1 avec 4 trous taraudés ou style B2 avec 4 trous non taraudés.

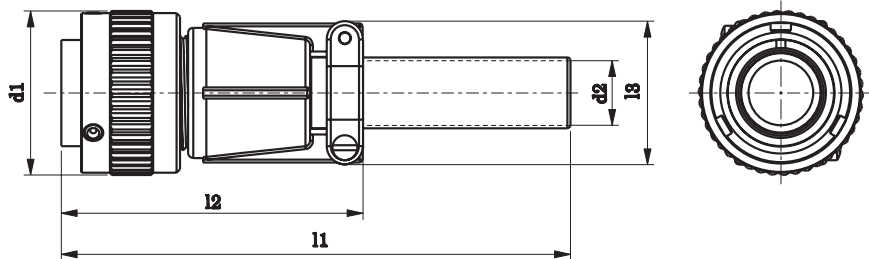
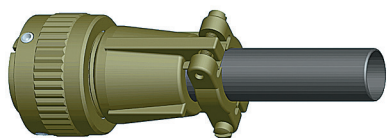
Beispiel / Example / Exemple

- VG95234B1-18-1SN
- GCB3102-18-1SNB-T2
- GCA3102-18-1SNB-T2

- VG95234B2-18-1SN
- GCB3102-18-1SNB
- GCA3102-18-1SNB

| Gehäusegröße /<br>Shell size /<br>Taille de boîtier | d <sub>1</sub><br>max. | d <sub>2</sub>                 |                                        | e<br>±0,1 | l <sub>1</sub><br>±0,3 | l <sub>2</sub><br>+0,4 | l <sub>3</sub><br>±0,2 | l <sub>4</sub><br>±0,3 | Masse /<br>Mass<br>g max. (1) |
|-----------------------------------------------------|------------------------|--------------------------------|----------------------------------------|-----------|------------------------|------------------------|------------------------|------------------------|-------------------------------|
|                                                     |                        | Form<br>(Style) B <sub>1</sub> | Form<br>(Style) B <sub>2</sub><br>H 13 |           |                        |                        |                        |                        |                               |
| 10SL                                                | 16,2                   | M 4                            | 3,2                                    | 18,2      | 24,7                   | 18,20                  | 2,8                    | 25,4                   | 14                            |
| 14S                                                 | 19,2                   | M 4                            | 3,2                                    | 23,0      | 24,7                   | 18,20                  | 3,2                    | 30,0                   | 21                            |
| 16S                                                 | 22,4                   | M 4                            | 3,2                                    | 24,6      | 24,7                   | 18,20                  | 3,2                    | 32,5                   | 22                            |
| 16                                                  | 22,4                   | M 4                            | 3,2                                    | 24,6      | 33,8                   | 23,05                  | 3,2                    | 32,5                   | 27                            |
| 18                                                  | 25,6                   | M 4                            | 3,2                                    | 27,0      | 33,8                   | 23,05                  | 4,0                    | 35,0                   | 33                            |
| 20                                                  | 29,0                   | M 4                            | 3,2                                    | 29,4      | 33,8                   | 23,05                  | 4,0                    | 38,0                   | 37                            |
| 22                                                  | 32,2                   | M 4                            | 3,2                                    | 31,8      | 33,8                   | 23,05                  | 4,0                    | 41,0                   | 42                            |
| 24                                                  | 35,3                   | M 4                            | 3,7                                    | 34,9      | 33,8                   | 23,05                  | 4,0                    | 44,5                   | 48                            |
| 28                                                  | 41,4                   | M 5                            | 3,7                                    | 39,7      | 33,8                   | 24,05                  | 4,0                    | 50,8                   | 58                            |
| 32                                                  | 47,8                   | M 5                            | 4,3                                    | 44,5      | 33,8                   | 24,05                  | 4,0                    | 57,0                   | 72                            |
| 36                                                  | 54,1                   | M 5                            | 4,3                                    | 49,2      | 33,8                   | 24,05                  | 4,0                    | 63,5                   | 84                            |

(1) Masse ohne Kontakteinsätze / Mass without contact inserts / Masse sans inserts



Freier Steckverbinder, gerade, Endgehäuse mit Klemme und Tülle.  
Free connector, straight type, backshell with cable and bushing.  
Mobile droite, raccord avec brides et manchon.

Beispiel / Example / Exemple

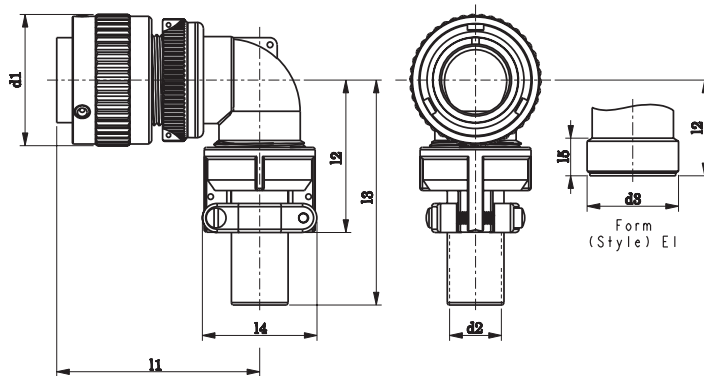
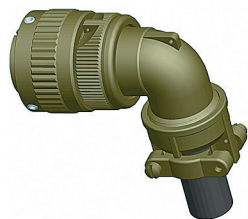
- VG95234D-18-1SN
- GCB3106E-18-1SNB
- GCA3106E-18-1SNB

| Gehäusegröße /<br>Shell size /<br>Taille de boîtier | d <sub>1</sub><br>max. | d <sub>2</sub> <sup>(2)</sup><br>max. | l <sub>1</sub><br>max. | l <sub>2</sub><br>max. | l <sub>3</sub><br>max. | Masse /<br>Mass<br>g max. <sup>(1)</sup> |
|-----------------------------------------------------|------------------------|---------------------------------------|------------------------|------------------------|------------------------|------------------------------------------|
| 10SL                                                | 22,8                   | 6,5                                   | 115                    | 58                     | 22,7                   | 30                                       |
| 14S                                                 | 29,2                   | 9,0                                   | 115                    | 60                     | 27,5                   | 44                                       |
| 16S                                                 | 32,0                   | 11,0                                  | 115                    | 60                     | 30,0                   | 54                                       |
| 16                                                  | 32,0                   | 11,0                                  | 120                    | 70                     | 30,0                   | 62                                       |
| 18                                                  | 36,5                   | 14,2                                  | 120                    | 75                     | 33,0                   | 70                                       |
| 20                                                  | 39,9                   | 15,8                                  | 120                    | 75                     | 37,5                   | 85                                       |
| 22                                                  | 43,1                   | 15,8                                  | 120                    | 75                     | 37,5                   | 92                                       |
| 24                                                  | 46,6                   | 21,4                                  | 120                    | 90                     | 43,3                   | 127                                      |
| 28                                                  | 53,4                   | 21,4                                  | 120                    | 90                     | 48,0                   | 154                                      |
| 32                                                  | 60,1                   | 26,7                                  | 120                    | 90                     | 55,0                   | 199                                      |
| 36                                                  | 66,3                   | 31,7                                  | 130                    | 100                    | 58,0                   | 260                                      |

<sup>(1)</sup> Masse ohne Kontakteinsätze / Mass without contact inserts / Masse sans inserts

<sup>(2)</sup> Für max. zulässigen Kabeldurchmesser / For max. admissible cable diameter / Pour diamètre de câble maxi admissible

## VG95234 Form E, E1 / VG95234 Style E, E1



Freier Steckverbinder 90° abgewinkelt.  
Form E mit Kabelklemme und Tülle oder  
Form E1 für Schutzschlauchanschluss,  
ohne Kabelklemme.  
Free connector, angular type.  
Style E with cable clamp and bushing or style  
E1 for conduit termination, without cable  
clamp.  
Mobile coudée 90°.  
Style E avec brides et manchon ou style E1  
pour raccordement de conduit, sans brides.

Beispiel / Example / Exemple

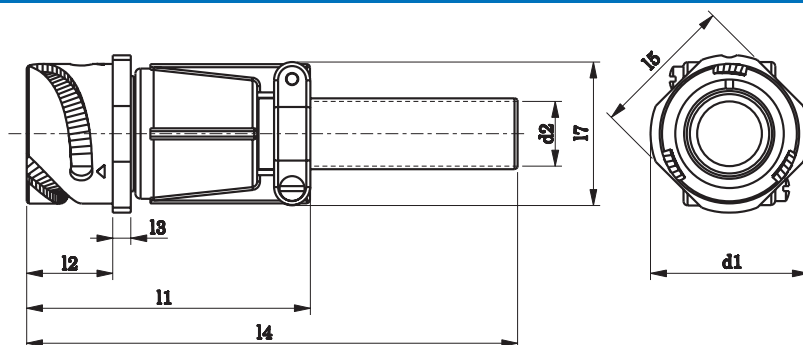
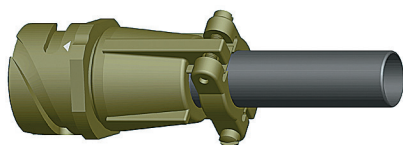
- VG95234E-18-1SN
- GCB3108E-18-1SNB
- GCA3108E-18-1SNB

- VG95234E1-18-1SN
- GCB3108F-18-1SNB
- GCA3108F-18-1SNB

| Gehäusegröße /<br>Shell size /<br>Taille de boîtier | d <sub>1</sub><br>max. | d <sub>2</sub> (2)<br>max. | d <sub>3</sub><br>Klasse 2A<br>(Class 2A,<br>Classe 2A) | l <sub>1</sub><br>max. | l <sub>2</sub><br>max. |     | l <sub>3</sub><br>max. | l <sub>4</sub><br>max. | l <sub>5</sub><br>min. | Masse / Mass<br>g max. (1) |     |
|-----------------------------------------------------|------------------------|----------------------------|---------------------------------------------------------|------------------------|------------------------|-----|------------------------|------------------------|------------------------|----------------------------|-----|
|                                                     |                        |                            |                                                         |                        | E                      | E1  |                        |                        |                        | E                          | E1  |
| 10SL                                                | 22,8                   | 6,5                        | 5/8-24UNEF                                              | 45                     | 42                     | 30  | 100                    | 22,7                   | 9,4                    | 37                         | 27  |
| 14S                                                 | 29,2                   | 9,0                        | 3/4-20UNEF                                              | 47                     | 42                     | 30  | 100                    | 27,5                   | 9,4                    | 58                         | 43  |
| 16S                                                 | 32,0                   | 11,0                       | 7/8-20UNEF                                              | 48                     | 45                     | 30  | 100                    | 30,0                   | 9,4                    | 68                         | 48  |
| 16                                                  | 32,0                   | 11,0                       | 7/8-20UNEF                                              | 57                     | 45                     | 35  | 100                    | 30,0                   | 9,4                    | 78                         | 58  |
| 18                                                  | 36,5                   | 14,2                       | 1-20UNEF                                                | 58                     | 53                     | 35  | 100                    | 33,0                   | 9,4                    | 90                         | 58  |
| 20                                                  | 39,9                   | 15,8                       | 3/16-18UNEF61                                           | 53                     | 53                     | 35  | 100                    | 37,5                   | 9,4                    | 109                        | 74  |
| 22                                                  | 43,1                   | 15,8                       | 3/16-18UNEF61                                           | 58                     | 40                     | 100 | 37,5                   | 9,4                    | 113                    | 78                         |     |
| 24                                                  | 46,6                   | 21,4                       | 7/16-18UNEF66                                           | 58                     | 40                     | 100 | 43,3                   | 9,4                    | 159                    | 104                        |     |
| 28                                                  | 53,4                   | 21,4                       | 7/16-18UNEF66                                           | 58                     | 40                     | 100 | 48,0                   | 9,4                    | 181                    | 126                        |     |
| 32                                                  | 60,1                   | 26,7                       | 1 3/4-18UNS                                             | 72                     | 66                     | 45  | 110                    | 55,0                   | 11,0                   | 245                        | 160 |
| 36                                                  | 66,3                   | 31,7                       | 2 –18UNS                                                | 75                     | 69                     | 50  | 110                    | 58,0                   | 12,6                   | 300                        | 190 |

<sup>(1)</sup> Masse ohne Kontakteinsätze / Mass without contact inserts / Masse sans inserts

<sup>(2)</sup> Für max. zulässigen Kabeldurchmesser / For max. admissible cable diameter / Pour diamètre de câble maxi admissible



Kabelverlängerung, gerade,  
Endgehäuse mit Klemme und Tülle.  
Inline receptacle, straight type,  
backshell with cable clamp and bushing.  
Prolongateur droit, raccord avec brides  
et manchon.

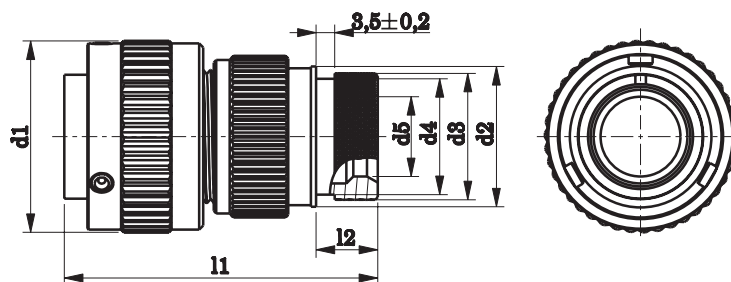
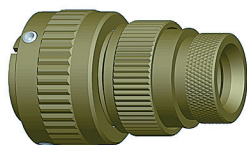
Beispiel / Example / Exemple  
- VG95234F-18-1SN  
- GCB3101E-18-1SNB  
- GCA3101E-18-1SNB

| Gehäusegröße /<br>Shell size /<br>Taille de boîtier | d <sub>1</sub><br>max. | d <sub>2</sub> <sup>(2)</sup><br>max. | l <sub>1</sub><br>max. | l <sub>2</sub><br>+0,4 | l <sub>3</sub><br>±0,2 | l <sub>4</sub><br>max. | l <sub>5</sub><br>±0,2 | l <sub>7</sub><br>max. | Masse /<br>Mass.<br>g max. <sup>(1)</sup> |
|-----------------------------------------------------|------------------------|---------------------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|-------------------------------------------|
| 10SL                                                | 25,2                   | 6,5                                   | 60                     | 14,2                   | 2,8                    | 120                    | 20,6                   | 22,7                   | 35                                        |
| 14S                                                 | 29,8                   | 9,0                                   | 62                     | 14,2                   | 3,2                    | 120                    | 25,4                   | 27,5                   | 50                                        |
| 16S                                                 | 32,3                   | 11,0                                  | 70                     | 14,2                   | 3,2                    | 120                    | 28,6                   | 30,0                   | 60                                        |
| 16                                                  | 32,3                   | 11,0                                  | 70                     | 19,0                   | 3,2                    | 125                    | 28,6                   | 30,0                   | 65                                        |
| 18                                                  | 34,8                   | 14,2                                  | 77                     | 19,0                   | 4,0                    | 125                    | 31,7                   | 33,0                   | 80                                        |
| 20                                                  | 37,8                   | 15,8                                  | 77                     | 19,0                   | 4,0                    | 125                    | 34,9                   | 37,5                   | 95                                        |
| 22                                                  | 41,1                   | 15,8                                  | 77                     | 19,0                   | 4,0                    | 125                    | 38,1                   | 37,5                   | 105                                       |
| 24                                                  | 44,6                   | 21,4                                  | 85                     | 20,6                   | 4,0                    | 125                    | 41,3                   | 43,3                   | 140                                       |
| 28                                                  | 50,9                   | 21,4                                  | 85                     | 20,6                   | 4,0                    | 125                    | 47,6                   | 48,0                   | 160                                       |
| 32                                                  | 57,1                   | 26,7                                  | 85                     | 22,2                   | 4,0                    | 125                    | 54,0                   | 55,0                   | 205                                       |
| 36                                                  | 63,6                   | 31,7                                  | 105                    | 22,2                   | 4,0                    | 135                    | 60,6                   | 58,0                   | 270                                       |

<sup>(1)</sup> Masse ohne Kontakteinsätze / Mass without contact inserts / Masse sans inserts

<sup>(2)</sup> Für max. zulässigen Kabeldurchmesser / For max. admissible cable diameter / Pour diamètre de câble maxi admissible

## VG95234 Form G / VG95234 Style G

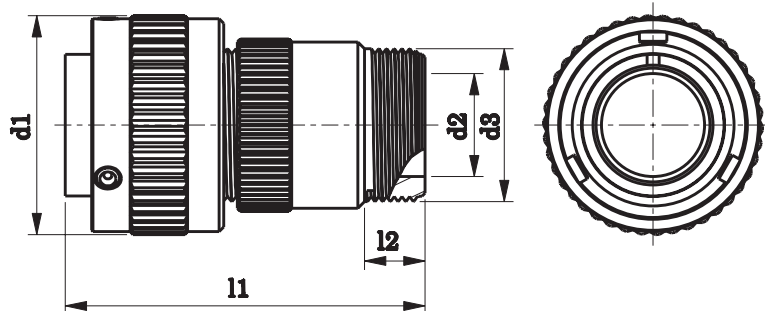
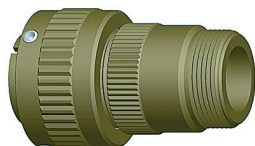


Freier Steckverbinder mit Endgehäuse  
für Formschrumpfteile.  
Free connector with backshell for heat  
shrinkable endshells.  
Mobile droite avec raccord pour pièces  
thermorétractables.

Beispiel / Example / Exemple  
- VG95234G-18-1SN  
- GCB3106T-18-1SNB  
- GCA3106T-18-1SNB

| Gehäusegröße /<br>Shell size /<br>Taille de boîtier | d <sub>1</sub><br>max. | d <sub>2</sub><br>±0,2 | d <sub>3</sub><br>±0,2 | d <sub>4</sub><br>max. | d <sub>5</sub><br>min. | l <sub>1</sub><br>max. | l <sub>2</sub><br>±0,5 | Masse /<br>Mass.<br>g max. <sup>(1)</sup> |
|-----------------------------------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|-------------------------------------------|
| 10SL                                                | 22,8                   | 17,0                   | 15,5                   | 13,3                   | 7,7                    | 50                     | 11,7                   | 24                                        |
| 14S                                                 | 29,2                   | 20,1                   | 19,1                   | 17,0                   | 10,6                   | 50                     | 11,7                   | 41                                        |
| 16S                                                 | 32,0                   | 23,5                   | 23,9                   | 21,9                   | 13,5                   | 50                     | 11,7                   | 51                                        |
| 16                                                  | 32,0                   | 23,5                   | 23,9                   | 21,9                   | 13,5                   | 60                     | 11,5                   | 58                                        |
| 18                                                  | 36,5                   | 26,5                   | 23,9                   | 21,9                   | 14,6                   | 60                     | 11,5                   | 65                                        |
| 20                                                  | 39,9                   | 30,2                   | 29,6                   | 26,2                   | 18,7                   | 65                     | 12,7                   | 75                                        |
| 22                                                  | 43,1                   | 33,6                   | 29,6                   | 26,2                   | 20,8                   | 65                     | 12,7                   | 80                                        |
| 24                                                  | 46,6                   | 36,1                   | 37,8                   | 34,5                   | 24,6                   | 65                     | 12,7                   | 95                                        |
| 28                                                  | 53,4                   | 41,4                   | 37,8                   | 34,5                   | 27,0                   | 65                     | 12,7                   | 120                                       |
| 32                                                  | 60,1                   | 48,6                   | 47,8                   | 43,6                   | 33,3                   | 70                     | 15,2                   | 165                                       |
| 36                                                  | 66,3                   | 54,8                   | 47,8                   | 43,6                   | 38,5                   | 80                     | 15,2                   | 180                                       |

<sup>(1)</sup> Masse ohne Kontakteinsätze / Mass without contact inserts / Masse sans inserts



Freier Steckverbinder, gerade,  
Endgehäuse für Schutzschlauchanschluss.  
Free connector, straight type, backshell  
for conduit termination.  
Mobile droite, raccord pour conduit.

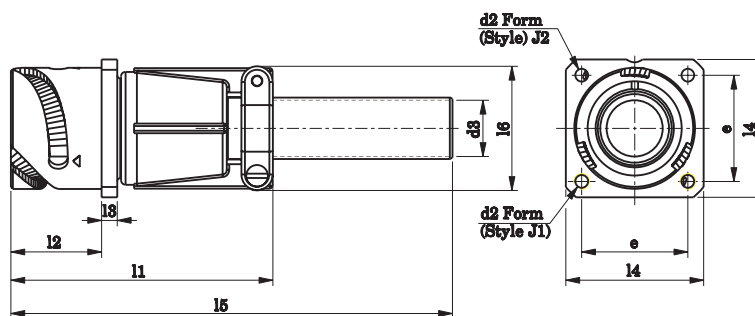
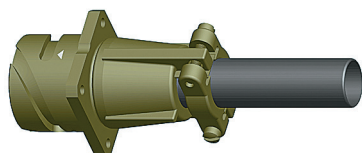
Beispiel / Example / Exemple

- VG95234H-18-1SN
- GCB3106F-18-1SNB
- GCA3106F-18-1SNB

| Gehäusegröße /<br>Shell size /<br>Taille de boîtier | d <sub>1</sub><br>max. | d <sub>2</sub><br>min. | d <sub>3</sub><br>Klasse 2A<br>(Class 2A, Classe 2A) | l <sub>1</sub><br>max. | l <sub>2</sub><br>min. | Masse /<br>Mass<br>g max. (1) |
|-----------------------------------------------------|------------------------|------------------------|------------------------------------------------------|------------------------|------------------------|-------------------------------|
| 10SL                                                | 22,8                   | 8,2                    | 5/8-24UNEF                                           | 50                     | 9,5                    | 21                            |
| 14S                                                 | 29,2                   | 11,1                   | 3/4-20UNEF                                           | 50                     | 9,5                    | 33                            |
| 16S                                                 | 32,0                   | 14,3                   | 7/8-20UNEF                                           | 50                     | 9,5                    | 42                            |
| 16                                                  | 32,0                   | 14,3                   | 7/8-20UNEF                                           | 60                     | 9,5                    | 51                            |
| 18                                                  | 36,5                   | 16,7                   | 1-20UNEF                                             | 60                     | 9,5                    | 59                            |
| 20                                                  | 39,9                   | 19,8                   | 1 3/16-18UNEF                                        | 60                     | 9,5                    | 58                            |
| 22                                                  | 43,1                   | 19,8                   | 1 3/16-18UNEF                                        | 60                     | 9,5                    | 62                            |
| 24                                                  | 46,6                   | 25,4                   | 1 7/16-18UNEF                                        | 65                     | 9,5                    | 84                            |
| 28                                                  | 53,4                   | 27,0                   | 1 7/16-18UNEF                                        | 65                     | 9,5                    | 100                           |
| 32                                                  | 60,1                   | 32,5                   | 1 3/4-18UNS                                          | 65                     | 11,0                   | 116                           |
| 36                                                  | 66,3                   | 35,7                   | 2-18UNS                                              | 80                     | 11,8                   | 142                           |

(1) Masse ohne Kontakteinsätze / Mass without contact inserts / Masse sans inserts

## VG95234 Form J1, J2 / VG95234 Style J1, J2



Fester Steckverbinder mit Montageflansch,  
Klemme und Tülle. Form J1 mit 4 Gewinde-  
bohrungen oder Form J2 mit 4 Durchgangs-  
löchern.

Fixed connector, with mounting flange,  
cable clamp and bushing.  
Style J1 with 4 threaded holes or style J2  
with 4 entry holes.

Embase à collerette carrée avec brides et  
manchon.  
Style J1 avec 4 trous taraudés ou J2 avec  
4 trous non taraudés.

Beispiel / Example / Exemple

- VG95234J1-18-1SN
- GCB3100E-18-1SNB-T2
- GCA3100E-18-1SNB-T2

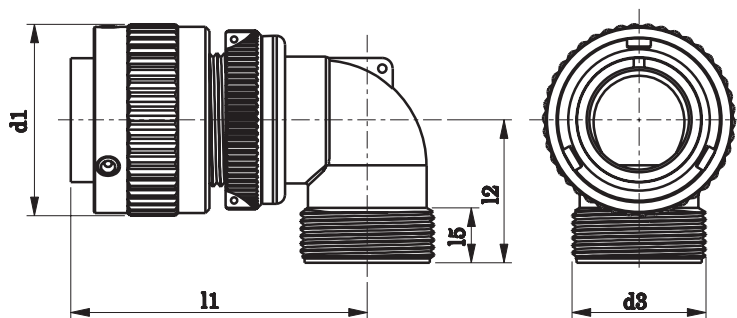
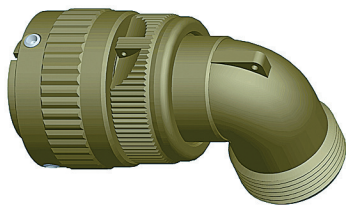
- VG95234J2-18-1SN
- GCB3100E-18-1SNB
- GCA3100E-18-1SNB

| Gehäusegröße /<br>Shell size /<br>Taille de boîtier | d <sub>2</sub>        |                              | d <sub>3</sub><br>max. | e<br>±0,1 | l <sub>1</sub><br>max. | l <sub>2</sub><br>+0,4 | l <sub>3</sub><br>±0,2 | l <sub>4</sub><br>±0,3 | l <sub>5</sub><br>max. | l <sub>6</sub><br>max. | Masse /<br>Mass<br>g max. (1) |
|-----------------------------------------------------|-----------------------|------------------------------|------------------------|-----------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|-------------------------------|
|                                                     | Form<br>(Style)<br>J1 | Form<br>(Style)<br>J2<br>H13 |                        |           |                        |                        |                        |                        |                        |                        |                               |
| 10SL                                                | M4                    | 3,2                          | 6,5                    | 18,2      | 60                     | 18,2                   | 2,8                    | 25,4                   | 120                    | 22,7                   | 35                            |
| 14S                                                 | M4                    | 3,2                          | 9,0                    | 23,0      | 62                     | 18,2                   | 3,2                    | 30,0                   | 120                    | 27,5                   | 50                            |
| 16S                                                 | M4                    | 3,2                          | 11,0                   | 24,6      | 70                     | 18,2                   | 3,2                    | 32,5                   | 120                    | 30,0                   | 60                            |
| 16                                                  | M4                    | 3,2                          | 11,0                   | 24,6      | 70                     | 23,05                  | 3,2                    | 32,5                   | 125                    | 30,0                   | 65                            |
| 18                                                  | M4                    | 3,2                          | 14,2                   | 27,0      | 77                     | 23,05                  | 4,0                    | 35,0                   | 125                    | 33,0                   | 80                            |
| 20                                                  | M4                    | 3,2                          | 15,8                   | 29,4      | 77                     | 23,05                  | 4,0                    | 38,0                   | 125                    | 37,5                   | 95                            |
| 22                                                  | M4                    | 3,2                          | 15,8                   | 31,8      | 77                     | 23,05                  | 4,0                    | 41,0                   | 125                    | 37,5                   | 105                           |
| 24                                                  | M4                    | 3,7                          | 21,4                   | 34,9      | 85                     | 23,05                  | 4,0                    | 44,5                   | 125                    | 43,3                   | 140                           |
| 28                                                  | M5                    | 3,7                          | 21,4                   | 39,7      | 85                     | 24,05                  | 4,0                    | 50,8                   | 125                    | 48,0                   | 160                           |
| 32                                                  | M5                    | 4,3                          | 26,7                   | 44,5      | 85                     | 24,05                  | 4,0                    | 57,0                   | 125                    | 55,0                   | 205                           |
| 36                                                  | M5                    | 4,3                          | 31,7                   | 49,2      | 105                    | 24,05                  | 4,0                    | 63,5                   | 135                    | 58,0                   | 270                           |

(1) Masse ohne Kontakteinsätze / Mass without contact inserts / Masse sans inserts

(2) Für max. zulässigen Kabeldurchmesser / For max. admissible cable diameter / Pour diamètre de câble  
maxi admissible





Freier Steckverbinder, 90° abgewinkelt, mit 360° HF-Abdichtung durch Massefingerring und Endgehäuse für Schutzschlauchanschluss.  
Free connector, angular type with grounding fingers and backshell for conduit termination.  
Mobile coudée 90° avec bague de masse et raccord pour conduit.

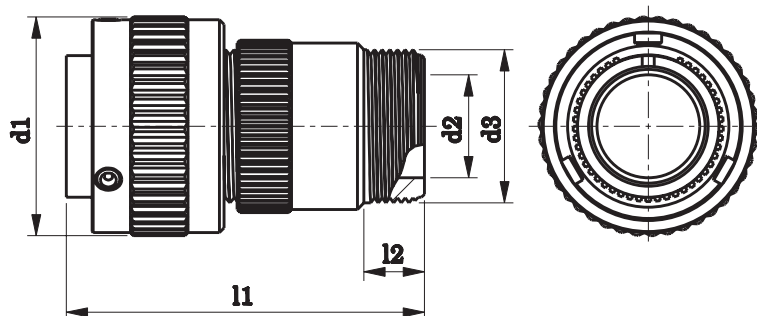
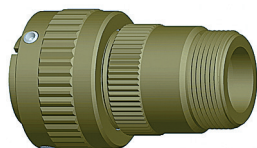
Beispiel / Example / Exemple

- VG95234K-18-1SN
- GCB3108FG-18-1SNB
- GCA3108FG-18-1SNB

| Gehäusegröße /<br>Shell size /<br>Taille de boîtier | d <sub>1</sub><br>max. | d <sub>3</sub><br>Klasse 2A<br>(Class 2A, Classe 2A) | l <sub>1</sub><br>max. | l <sub>2</sub><br>max. | l <sub>5</sub><br>min. | Masse /<br>Mass<br>g max. <sup>(1)</sup> |
|-----------------------------------------------------|------------------------|------------------------------------------------------|------------------------|------------------------|------------------------|------------------------------------------|
| 10SL                                                | 22,8                   | 5/8-24UNEF                                           | 45                     | 30                     | 9,4                    | 27                                       |
| 14S                                                 | 29,2                   | 3/4-20UNEF                                           | 47                     | 30                     | 9,4                    | 43                                       |
| 16S                                                 | 32,0                   | 7/8-20UNEF                                           | 48                     | 30                     | 9,4                    | 48                                       |
| 16                                                  | 32,0                   | 7/8-20UNEF                                           | 57                     | 35                     | 9,4                    | 58                                       |
| 18                                                  | 36,5                   | 1-20UNEF                                             | 58                     | 35                     | 9,4                    | 58                                       |
| 20                                                  | 39,9                   | 1 3/16-18UNEF                                        | 61                     | 35                     | 9,4                    | 74                                       |
| 22                                                  | 43,1                   | 1 3/16-18UNEF                                        | 61                     | 40                     | 9,4                    | 78                                       |
| 24                                                  | 46,6                   | 1 7/16-18UNEF                                        | 66                     | 40                     | 9,4                    | 104                                      |
| 28                                                  | 53,4                   | 1 7/16-18UNEF                                        | 66                     | 40                     | 9,4                    | 126                                      |
| 32                                                  | 60,1                   | 1 3/4-18UNS                                          | 72                     | 45                     | 11,0                   | 160                                      |
| 36                                                  | 66,3                   | 2-18UNS                                              | 75                     | 50                     | 12,6                   | 190                                      |

<sup>(1)</sup> Masse ohne Kontakteinsätze / Mass without contact inserts / Masse sans inserts

## VG95234 Form L / VG95234 Style L



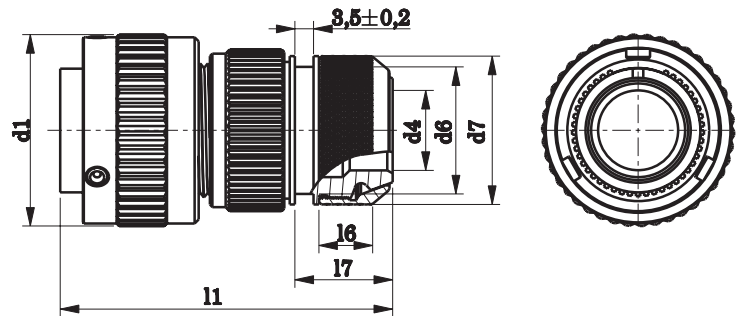
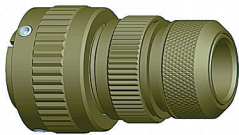
Freier Steckverbinder, gerade, mit 360° HF-Abdichtung durch Massefingerring und Endgehäuse für Schutzschlauchanschluss.  
Free connector, straight type with grounding fingers and backshell for conduit termination.  
Mobile droite avec bague de masse et raccord pour conduit.

Beispiel / Example / Exemple

- VG95234L-18-1SN
- GCB3106FG-18-1SNB
- GCA3106FG-18-1SNB

| Gehäusegröße /<br>Shell size /<br>Taille de boîtier | d <sub>1</sub><br>max. | d <sub>2</sub><br>min. | d <sub>3</sub><br>Klasse 2A<br>(Class 2A, Classe 2A) | l <sub>1</sub><br>max. | l <sub>2</sub><br>min. | Masse /<br>Mass<br>g max. <sup>(1)</sup> |
|-----------------------------------------------------|------------------------|------------------------|------------------------------------------------------|------------------------|------------------------|------------------------------------------|
| 10SL                                                | 22,8                   | 8,2                    | 5/8-24UNEF                                           | 50                     | 9,5                    | 21                                       |
| 14S                                                 | 29,2                   | 11,1                   | 3/4-20UNEF                                           | 50                     | 9,5                    | 33                                       |
| 16S                                                 | 32,0                   | 14,3                   | 7/8-20UNEF                                           | 50                     | 9,5                    | 42                                       |
| 16                                                  | 32,0                   | 14,3                   | 7/8-20UNEF                                           | 60                     | 9,5                    | 51                                       |
| 18                                                  | 36,5                   | 16,7                   | 1-20UNEF                                             | 60                     | 9,5                    | 59                                       |
| 20                                                  | 39,9                   | 19,8                   | 1 3/16-18UNEF                                        | 60                     | 9,5                    | 58                                       |
| 22                                                  | 43,1                   | 19,8                   | 1 3/16-18UNEF                                        | 60                     | 9,5                    | 62                                       |
| 24                                                  | 46,6                   | 25,4                   | 1 7/16-18UNEF                                        | 65                     | 9,5                    | 84                                       |
| 28                                                  | 53,4                   | 27,0                   | 1 7/16-18UNEF                                        | 65                     | 9,5                    | 100                                      |
| 32                                                  | 60,1                   | 32,5                   | 1 3/4-18UNS                                          | 65                     | 11,0                   | 116                                      |
| 36                                                  | 66,3                   | 35,7                   | 2-18UNS                                              | 80                     | 11,8                   | 142                                      |

<sup>(1)</sup> Masse ohne Kontakteinsätze / Mass without contact inserts / Masse sans inserts



Freier Steckverbinder, gerade, mit 360° HF-Abdichtung durch Massefingerring und Endgehäuse für Schirmanbindung und für Formschrumpfteile.

Free connector, straight type with grounding fingers and backshell for shielding and heat shrinkable endshells.

Mobile droite avec bague de masse et raccord pour blindage et pour pièces thermorétractables.

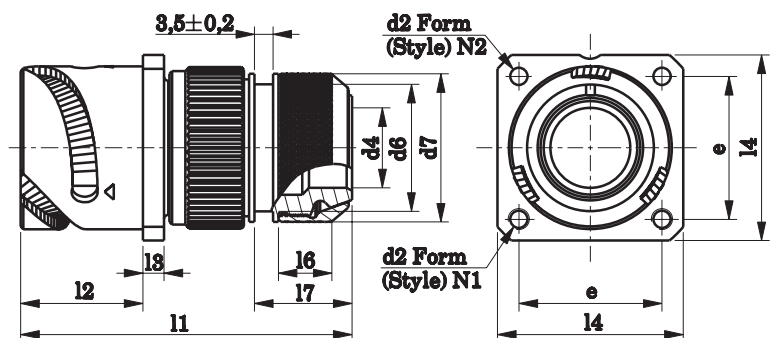
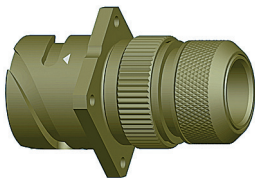
Beispiel / Example / Exemple

- VG95234M-18-1SN
- GCB3106M-18-1SNB
- GCA3106M-18-1SNB

| Gehäusegröße /<br>Shell size /<br>Taille de boîtier | d <sub>1</sub><br>max. | d <sub>4</sub><br>min. | d <sub>6</sub><br>max. | d <sub>7</sub><br>±0,5 | l <sub>1</sub><br>max. | l <sub>6</sub><br>+2 | l <sub>7</sub><br>+1 | Masse /<br>Mass<br>g max. (1) |
|-----------------------------------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|----------------------|----------------------|-------------------------------|
| 10SL                                                | 22,8                   | 8,6                    | 16,3                   | 18,5                   | 55                     | 7                    | 17                   | 40                            |
| 14S                                                 | 29,2                   | 10,6                   | 20,0                   | 22,0                   | 57                     | 7                    | 17                   | 45                            |
| 16S                                                 | 32,0                   | 13,5                   | 23,0                   | 25,0                   | 60                     | 8                    | 18                   | 55                            |
| 16                                                  | 32,0                   | 13,5                   | 23,0                   | 25,0                   | 70                     | 8                    | 18                   | 65                            |
| 18                                                  | 36,5                   | 14,6                   | 24,5                   | 28,0                   | 70                     | 10                   | 18                   | 75                            |
| 20                                                  | 39,9                   | 18,5                   | 28,5                   | 32,0                   | 70                     | 10                   | 18                   | 85                            |
| 22                                                  | 43,1                   | 20,8                   | 30,5                   | 34,0                   | 70                     | 10                   | 18                   | 100                           |
| 24                                                  | 46,6                   | 24,6                   | 34,5                   | 38,0                   | 70                     | 10                   | 18                   | 115                           |
| 28                                                  | 53,4                   | 27,0                   | 37,5                   | 41,0                   | 70                     | 10                   | 18                   | 130                           |
| 32                                                  | 60,1                   | 33,3                   | 44,0                   | 48,0                   | 70                     | 10                   | 18                   | 170                           |
| 36                                                  | 66,3                   | 38,5                   | 51,0                   | 55,0                   | 80                     | 10                   | 18                   | 190                           |

(1) Masse ohne Kontakteinsätze / Mass without contact inserts / Masse sans inserts

## VG95234 Form N1, N2 / VG95234 Style N1, N2



Fester Steckverbinder mit Endgehäuse für den Klemmanschluss von Schirmgeflechten und für Formschrumpfteile. Form N1 mit 4 Gewindebohrungen oder N2 mit 4 Durchgangslöchern.

Fixed connector with mounting flange and backshell for mounting of shielding braids by pressing with a nut and for heat shrinkable endshells.

Style N1 with 4 threaded holes or style N2 with 4 entry holes.

Embase à colerette carrée avec raccord pour blindage et pour pièces thermorétractables. Style N1 avec 4 trous taraudés ou N2 avec 4 trous non taraudés.

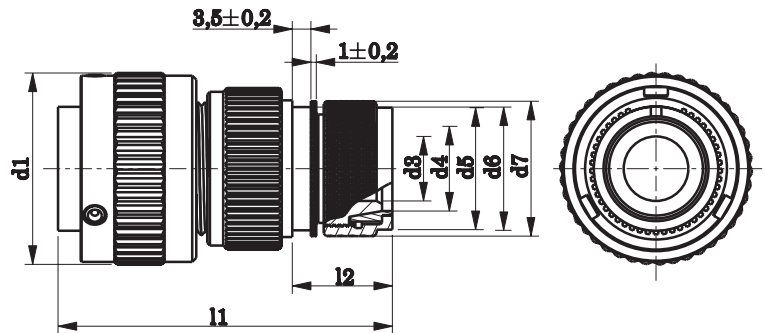
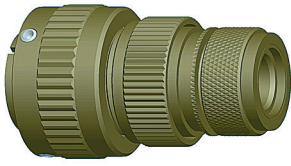
Beispiel / Example / Exemple

- VG95234N1-18-1SN
- GCB3100M-18-1SNB-T2
- GCA3100M-18-1SNB-T2

- VG95234N2-18-1SN
- GCB3100M-18-1SNB
- GCA3100M-18-1SNB

| Gehäusegröße /<br>Shell size /<br>Taille de boîtier | d <sub>2</sub>        |                           | d <sub>4</sub><br>min. | d <sub>6</sub><br>max. | d <sub>7</sub><br>±0,5 | e<br>±0,1 | l <sub>1</sub><br>max. | l <sub>2</sub><br>+0,4 | l <sub>3</sub><br>±0,2 | l <sub>4</sub><br>±0,3 | l <sub>6</sub><br>+2 | l <sub>7</sub><br>+1 | Masse /<br>Mass<br>g max. <sup>(1)</sup> |
|-----------------------------------------------------|-----------------------|---------------------------|------------------------|------------------------|------------------------|-----------|------------------------|------------------------|------------------------|------------------------|----------------------|----------------------|------------------------------------------|
|                                                     | Form<br>(Style)<br>N1 | Form<br>(Style) N2<br>H13 |                        |                        |                        |           |                        |                        |                        |                        |                      |                      |                                          |
| 10SL                                                | M4                    | 3,2                       | 8,6                    | 16,3                   | 18,5                   | 18,2      | 55                     | 18,2                   | 2,8                    | 25,4                   | 7                    | 17                   | 45                                       |
| 14S                                                 | M4                    | 3,2                       | 10,6                   | 20,0                   | 22,0                   | 23,0      | 58                     | 18,2                   | 3,2                    | 30,0                   | 7                    | 17                   | 55                                       |
| 16S                                                 | M4                    | 3,2                       | 13,5                   | 23,0                   | 25,0                   | 24,6      | 70                     | 18,2                   | 3,2                    | 32,5                   | 8                    | 18                   | 65                                       |
| 16                                                  | M4                    | 3,2                       | 13,5                   | 23,0                   | 25,0                   | 24,6      | 70                     | 23,0                   | 5,3                    | 32,5                   | 8                    | 18                   | 75                                       |
| 18                                                  | M4                    | 3,2                       | 14,6                   | 24,5                   | 28,0                   | 27,0      | 70                     | 23,0                   | 5,4                    | 35,0                   | 10                   | 18                   | 85                                       |
| 20                                                  | M4                    | 3,2                       | 18,5                   | 28,5                   | 32,0                   | 29,4      | 70                     | 23,0                   | 5,4                    | 38,0                   | 10                   | 18                   | 95                                       |
| 22                                                  | M4                    | 3,2                       | 20,8                   | 30,5                   | 34,0                   | 31,8      | 70                     | 23,0                   | 5,4                    | 41,0                   | 10                   | 18                   | 105                                      |
| 24                                                  | M4                    | 3,7                       | 24,6                   | 34,5                   | 38,0                   | 34,9      | 70                     | 23,0                   | 5,4                    | 44,5                   | 10                   | 18                   | 120                                      |
| 28                                                  | M5                    | 3,7                       | 27,0                   | 37,5                   | 41,0                   | 39,7      | 70                     | 24,0                   | 5,4                    | 50,8                   | 10                   | 18                   | 150                                      |
| 32                                                  | M5                    | 4,3                       | 33,3                   | 44,0                   | 48,0                   | 44,5      | 75                     | 24,0                   | 5,4                    | 57,0                   | 10                   | 18                   | 190                                      |
| 36                                                  | M5                    | 4,3                       | 38,5                   | 51,0                   | 55,0                   | 49,2      | 85                     | 24,0                   | 5,4                    | 63,5                   | 10                   | 18                   | 220                                      |

(1) Masse ohne Kontakteinsätze / Mass without contact inserts / Masse sans inserts



Freier Steckverbinder, gerade, mit 360° HF-Abdichtung durch Massefingerring und Endgehäuse für Schirmanbindung und für Formschrumpfteile.

Free connector, straight type with grounding fingers and backshell for shielding and heat shrinkable endshells.

Mobile droite avec bague de masse et raccord pour blindage et pour pièces thermorétractables.

Beispiel / Example / Exemple

- VG95234R1-18-1SN

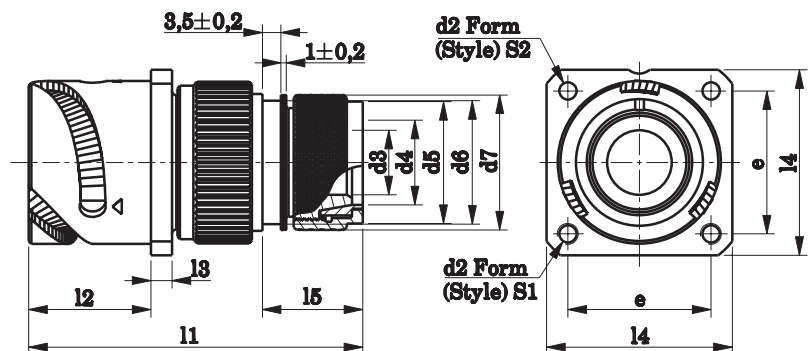
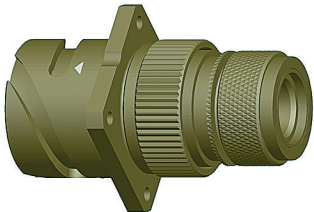
- GCB3106N-18-1SNB

- GCA3106N-18-1SNB

| Gehäusegröße /<br>Shell size /<br>Taille de boîtier | d <sub>1</sub><br>max. | d <sub>3</sub><br>+0,2 | d <sub>4</sub><br>+0,4 | d <sub>5</sub> | d <sub>6</sub><br>±0,3 | d <sub>7</sub><br>±0,3 | l <sub>1</sub><br>max. | l <sub>2</sub><br>max. | Masse /<br>Mass.<br>g max. <sup>(1)</sup> |
|-----------------------------------------------------|------------------------|------------------------|------------------------|----------------|------------------------|------------------------|------------------------|------------------------|-------------------------------------------|
| 14S                                                 | 29,2                   | 10,0                   | 14,0                   | M20x1          | 21,0                   | 23,5                   | 57                     | 21,0                   | 50                                        |
| 16S                                                 | 32,0                   | 10,0                   | 14,0                   | M20x1          | 21,0                   | 23,5                   | 57                     | 21,0                   | 60                                        |
| 18                                                  | 36,5                   | 12,2                   | 16,0                   | M22x1          | 23,0                   | 25,5                   | 66                     | 21,0                   | 80                                        |
| 20                                                  | 39,9                   | 13,4                   | 18,0                   | M27x1          | 26,6                   | 30,5                   | 68                     | 21,0                   | 90                                        |
| 28                                                  | 53,4                   | 19,0                   | 26,5                   | M35x1          | 37,5                   | 41,5                   | 75                     | 26,0                   | 135                                       |
| 32                                                  | 60,1                   | 21,0                   | 26,5                   | M35x1          | 37,5                   | 41,5                   | 79                     | 26,0                   | 175                                       |

<sup>(1)</sup> Masse ohne Kontakteinsätze / Mass without contact inserts / Masse sans inserts

## VG95234 Form S1, S2 / VG95234 Style S1, S2



Fester Steckverbinder mit Endgehäuse für den Klemmanschluss von Schirmgeflechten und für Formschrumpfteile.

Form S1 mit 4 Gewindebohrungen oder S2 mit 4 Durchgangslöchern. Fixed connector with mounting flange and backshell for mounting of shielding braids by pressing with a nut and for heat shrinkable endshells.

Style S1 with 4 threaded holes or style S2 with 4 entry holes.

Embase à colerette carrée avec raccord pour blindage et pour pièces thermorétractables. Style S1 avec 4 trous taraudés ou S2 avec 4 trous non taraudés.

Beispiel / Example / Exemple

- VG95234S1-18-1SN

- GCB3100N-18-1SNB-T2

- GCA3100N-18-1SNB-T2

- VG95234S2-18-1SN

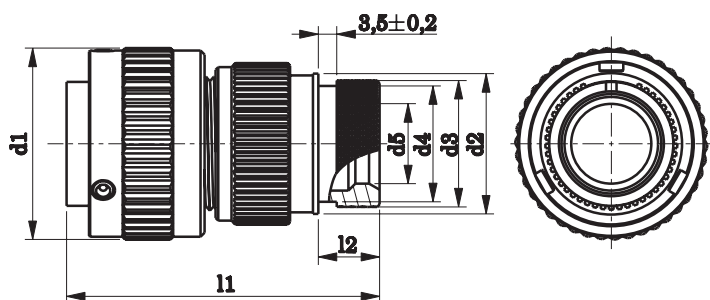
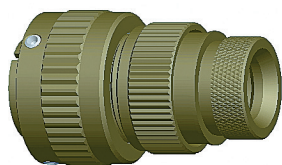
- GCB3100N-18-1SNB

- GCA3100N-18-1SNB

| Gehäusegröße /<br>Shell size /<br>Taille de boîtier | d <sub>2</sub>        |                           | d <sub>3</sub><br>±0,2 | d <sub>4</sub><br>+0,4 | d <sub>5</sub> | d <sub>6</sub><br>±0,3 | d <sub>7</sub><br>±0,3 | e<br>±0,1 | l <sub>1</sub><br>max. | l <sub>2</sub><br>+0,4 | l <sub>3</sub><br>±0,2 | l <sub>4</sub><br>±0,3 | l <sub>5</sub><br>max. | Masse /<br>Mass.<br>g max. <sup>(1)</sup> |
|-----------------------------------------------------|-----------------------|---------------------------|------------------------|------------------------|----------------|------------------------|------------------------|-----------|------------------------|------------------------|------------------------|------------------------|------------------------|-------------------------------------------|
|                                                     | Form<br>(Style)<br>S1 | Form<br>(Style) S2<br>H13 |                        |                        |                |                        |                        |           |                        |                        |                        |                        |                        |                                           |
| 14S                                                 | M4                    | 3,2                       | 10,0                   | 14,0                   | M20x1          | 21,0                   | 23,5                   | 23,0      | 61,0                   | 18,2                   | 3,2                    | 30,0                   | 21,0                   | 60                                        |
| 16S                                                 | M4                    | 3,2                       | 10,0                   | 14,0                   | M20x1          | 21,0                   | 23,5                   | 24,6      | 61,0                   | 18,2                   | 3,2                    | 32,6                   | 21,0                   | 70                                        |
| 18                                                  | M4                    | 3,2                       | 12,2                   | 16,0                   | M22x1          | 23,0                   | 25,5                   | 27,0      | 70,0                   | 23,0                   | 5,4                    | 35,0                   | 21,0                   | 80                                        |
| 20                                                  | M4                    | 3,2                       | 13,4                   | 18,0                   | M27x1          | 26,6                   | 30,5                   | 29,4      | 72,0                   | 23,0                   | 5,4                    | 38,0                   | 21,0                   | 90                                        |
| 28                                                  | M5                    | 3,7                       | 19,0                   | 26,5                   | M35x1          | 37,5                   | 41,5                   | 39,7      | 78,0                   | 24,0                   | 5,4                    | 50,8                   | 26,0                   | 155                                       |
| 32                                                  | M5                    | 4,3                       | 21,0                   | 26,5                   | M35x1          | 37,5                   | 41,5                   | 44,5      | 81,0                   | 24,0                   | 5,4                    | 57,0                   | 26,0                   | 195                                       |

<sup>(1)</sup> Masse ohne Kontakteinsätze / Mass without contact inserts / Masse sans inserts





Freier Steckverbinder, gerade, mit 360° HF-Abdichtung durch Massefingerring und Endgehäuse für Formschrumpfteile.  
Free connector, straight type with grounding fingers and backshell for heat shrinkable endshells.

Mobile droite avec bague de masse et raccord pour pièces thermorétractables.

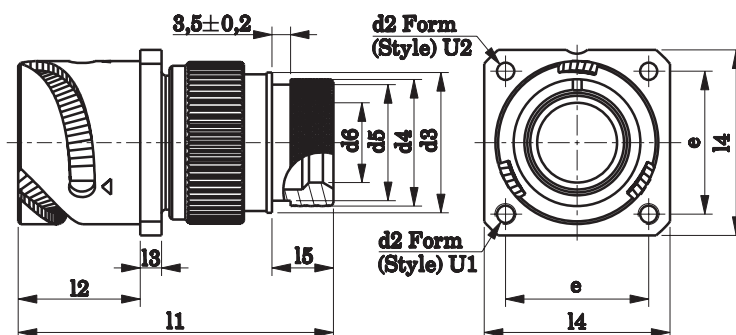
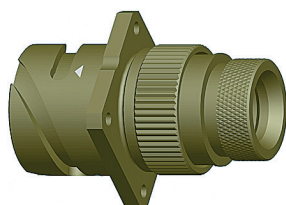
Beispiel / Example / Exemple

- VG95234T-18-1SN
- GCB3106TG-18-1SNB
- GCA3106TG-18-1SNB

| Gehäusegröße /<br>Shell size /<br>Taille de boîtier | d <sub>1</sub><br>max. | d <sub>2</sub><br>±0,2 | d <sub>3</sub><br>±0,2 | d <sub>4</sub><br>max. | d <sub>5</sub><br>min. | l <sub>1</sub><br>max. | l <sub>2</sub><br>±0,5 | Masse /<br>Mass<br>g max. (1) |
|-----------------------------------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|-------------------------------|
| 10SL                                                | 22,8                   | 17,0                   | 15,5                   | 13,3                   | 7,7                    | 50                     | 11,7                   | 26                            |
| 14S                                                 | 29,2                   | 20,1                   | 19,1                   | 17,0                   | 10,6                   | 50                     | 11,7                   | 43                            |
| 16S                                                 | 32,0                   | 23,5                   | 23,9                   | 21,9                   | 13,5                   | 50                     | 11,7                   | 53                            |
| 16                                                  | 32,0                   | 23,5                   | 23,9                   | 21,9                   | 13,5                   | 60                     | 11,5                   | 60                            |
| 18                                                  | 36,5                   | 26,5                   | 23,9                   | 21,9                   | 14,6                   | 60                     | 11,5                   | 67                            |
| 20                                                  | 39,9                   | 30,2                   | 29,6                   | 26,2                   | 18,7                   | 65                     | 12,7                   | 77                            |
| 22                                                  | 43,1                   | 33,6                   | 29,6                   | 26,2                   | 20,8                   | 65                     | 12,7                   | 82                            |
| 24                                                  | 46,6                   | 36,1                   | 37,8                   | 34,5                   | 24,6                   | 65                     | 12,7                   | 97                            |
| 28                                                  | 53,4                   | 41,4                   | 37,8                   | 34,5                   | 27,0                   | 65                     | 12,7                   | 122                           |
| 32                                                  | 60,1                   | 48,6                   | 47,8                   | 43,6                   | 33,3                   | 70                     | 15,2                   | 167                           |
| 36                                                  | 66,3                   | 54,8                   | 47,8                   | 43,6                   | 38,5                   | 80                     | 15,2                   | 182                           |

(1) Masse ohne Kontakteinsätze / Mass without contact inserts / Masse sans inserts

## VG95234 Form U1, U2 / VG95234 Style U1, U2



Fester Steckverbinder mit Montageflansch und mit Endgehäuse für Formschrumpfteile. Form U1 mit 4 Gewindebohrungen oder Form U2 mit 4 Durchgangslöchern.  
Fixed connector with mounting flange and backshell for heat shrinkable endshells. Style U1 with 4 threaded holes or style U2 with 4 entry holes.  
Embase à collerette carrée avec raccord pour pièces thermorétractables. Style U1 avec 4 trous taraudés ou U2 avec 4 trous non taraudés.

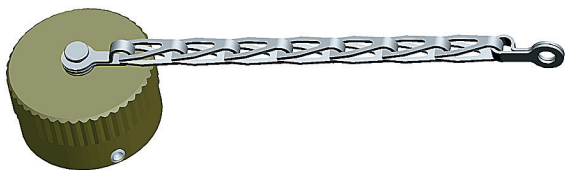
Beispiel / Example / Exemple

- VG95234U1-18-1SN
- GCB3100T-18-1SNB-T2
- GCA3100T-18-1SNB-T2

- VG95234U2-18-1SN
- GCB3100T-18-1SNB
- GCA3100T-18-1SNB

| Gehäusegröße /<br>Shell size /<br>Taille de boîtier | d <sub>2</sub>        |                           | d <sub>3</sub><br>±0,2 | d <sub>4</sub><br>±0,2 | d <sub>5</sub><br>max. | d <sub>6</sub><br>min. | e<br>±0,1 | l <sub>1</sub><br>max. | l <sub>2</sub><br>±0,4 | l <sub>3</sub><br>±0,2 | l <sub>4</sub><br>±0,3 | l <sub>5</sub><br>±0,5 | Masse /<br>Mass<br>g max. (1) |
|-----------------------------------------------------|-----------------------|---------------------------|------------------------|------------------------|------------------------|------------------------|-----------|------------------------|------------------------|------------------------|------------------------|------------------------|-------------------------------|
|                                                     | Form<br>(Style)<br>U1 | Form<br>(Style) U2<br>H13 |                        |                        |                        |                        |           |                        |                        |                        |                        |                        |                               |
| 10SL                                                | M4                    | 3,2                       | 17,0                   | 15,5                   | 13,3                   | 7,7                    | 18,2      | 55                     | 18,2                   | 2,8                    | 25,4                   | 11,7                   | 43                            |
| 14S                                                 | M4                    | 3,2                       | 20,1                   | 19,1                   | 17,0                   | 10,6                   | 23,0      | 70                     | 18,2                   | 3,2                    | 30,0                   | 11,7                   | 53                            |
| 16S                                                 | M4                    | 3,2                       | 23,5                   | 23,9                   | 21,9                   | 13,5                   | 24,6      | 70                     | 18,2                   | 3,2                    | 32,5                   | 11,7                   | 63                            |
| 16                                                  | M4                    | 3,2                       | 23,5                   | 23,9                   | 21,9                   | 13,5                   | 24,6      | 70                     | 23,05                  | 3,2                    | 32,5                   | 11,5                   | 73                            |
| 18                                                  | M4                    | 3,2                       | 26,5                   | 23,9                   | 21,9                   | 14,6                   | 27,0      | 70                     | 23,05                  | 4,0                    | 35,0                   | 11,5                   | 83                            |
| 20                                                  | M4                    | 3,2                       | 30,2                   | 29,6                   | 26,2                   | 18,7                   | 29,4      | 70                     | 23,05                  | 4,0                    | 38,0                   | 12,7                   | 93                            |
| 22                                                  | M4                    | 3,2                       | 33,6                   | 29,6                   | 26,2                   | 20,8                   | 31,8      | 70                     | 23,05                  | 4,0                    | 41,0                   | 12,7                   | 103                           |
| 24                                                  | M4                    | 3,7                       | 36,1                   | 37,8                   | 34,5                   | 24,6                   | 34,9      | 70                     | 23,05                  | 4,0                    | 44,5                   | 12,7                   | 118                           |
| 28                                                  | M5                    | 3,7                       | 41,4                   | 37,8                   | 34,5                   | 27,0                   | 39,7      | 70                     | 24,05                  | 4,0                    | 50,8                   | 12,7                   | 148                           |
| 32                                                  | M5                    | 4,3                       | 48,6                   | 47,8                   | 43,6                   | 33,3                   | 44,5      | 75                     | 24,05                  | 4,0                    | 57,0                   | 15,2                   | 188                           |
| 36                                                  | M5                    | 4,3                       | 54,8                   | 47,8                   | 43,6                   | 38,5                   | 49,2      | 85                     | 24,05                  | 4,0                    | 63,5                   | 15,2                   | 218                           |

(1) Masse ohne Kontakteinsätze / Mass without contact inserts / Masse sans inserts



Schutzkappe für Steckdose.  
Form KR mit Kette oder KA mit Seil.  
Protective cover for receptacle.  
Style KR with chain or KA with rope.  
Bouchon pour embase.  
Style KR avec chaîne ou KA avec corde.

Beispiel / Example / Exemple

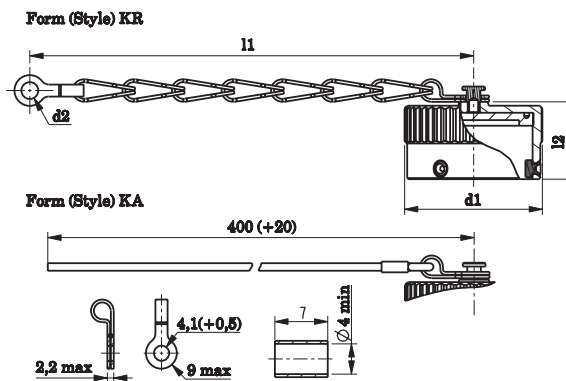
- VG95234KRXX  
- GCB-KRBXX  
- GCA-KRBXX

- VG95234KAXX  
- GCB-KABXX  
- GCA-KABXX

XX für Gehäusegröße

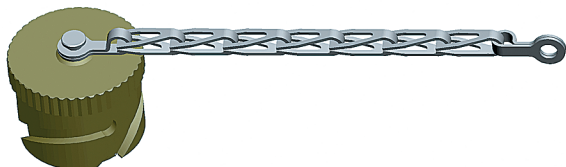
XX for shell size

XX pour la taille de boîtier



| Gehäusegröße /<br>Shell size /<br>Taille de boîtier | d <sub>1</sub><br>max. | d <sub>2</sub><br>+0,6 | l <sub>1</sub><br>min. | l <sub>2</sub><br>max. | Masse /<br>Mass<br>g max. |
|-----------------------------------------------------|------------------------|------------------------|------------------------|------------------------|---------------------------|
| 10SL                                                | 23,5                   | 4,3                    | 90                     | 20                     | 16                        |
| 14S                                                 | 30,5                   | 4,3                    | 90                     | 20                     | 18                        |
| 16S                                                 | 33,0                   | 4,3                    | 90                     | 20                     | 19                        |
| 16                                                  | 33,0                   | 4,3                    | 100                    | 25                     | 23                        |
| 18                                                  | 37,5                   | 4,3                    | 100                    | 25                     | 27                        |
| 20                                                  | 41,0                   | 4,3                    | 115                    | 25                     | 30                        |
| 22                                                  | 44,0                   | 4,3                    | 115                    | 25                     | 33                        |
| 24                                                  | 47,5                   | 4,3                    | 115                    | 25                     | 37                        |
| 28                                                  | 54,5                   | 5,5                    | 160                    | 25                     | 42                        |
| 32                                                  | 61,0                   | 5,5                    | 160                    | 25                     | 48                        |
| 36                                                  | 67,5                   | 5,5                    | 160                    | 25                     | 55                        |

## VG95234 Form KB, KC / VG95234 Style KB, KC



Schutzkappe für Stecker.  
Form KB mit Kette oder KC mit Seil.  
Protective cover for plug shell.  
Style KB with chain or KC with rope.  
Bouchon pour mobile.  
Style KB avec chaîne ou KC avec corde.

Beispiel / Example / Exemple

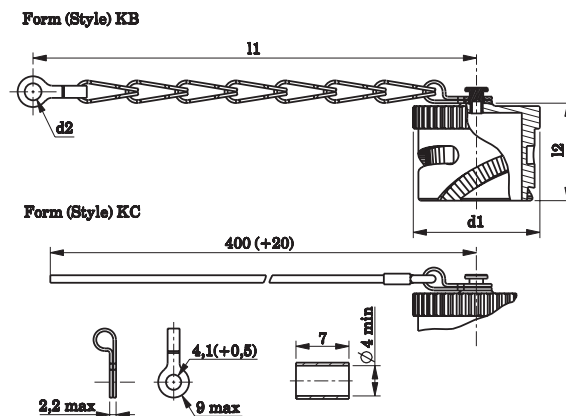
- VG95234KBXX  
- GCB-KBBXX  
- GCA-KBBXX

- VG95234KCXX  
- GCB-KCBXX  
- GCA-KCBXX

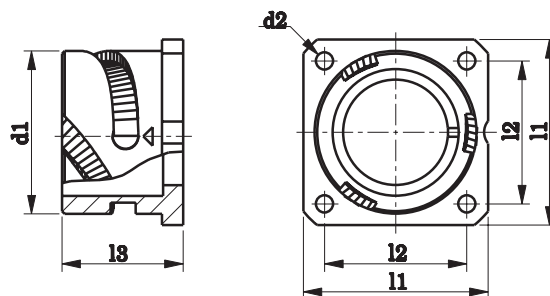
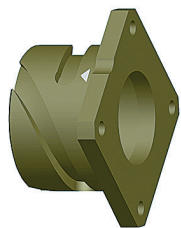
XX für Gehäusegröße

XX for shell size

XX pour la taille de boîtier



| Gehäusegröße /<br>Shell size /<br>Taille de boîtier | d <sub>1</sub><br>max. | d <sub>2</sub><br>+0,6 | l <sub>1</sub><br>min. | l <sub>2</sub><br>max. | Masse /<br>Mass<br>g max. |
|-----------------------------------------------------|------------------------|------------------------|------------------------|------------------------|---------------------------|
| 10SL                                                | 21,0                   | 4,3                    | 90                     | 29                     | 19                        |
| 14S                                                 | 27,5                   | 4,3                    | 100                    | 29                     | 26                        |
| 16S                                                 | 30,0                   | 4,3                    | 100                    | 29                     | 28                        |
| 16                                                  | 30,0                   | 4,3                    | 115                    | 37                     | 33                        |
| 18                                                  | 33,5                   | 4,3                    | 115                    | 37                     | 36                        |
| 20                                                  | 37,0                   | 4,7                    | 130                    | 37                     | 43                        |
| 22                                                  | 40,0                   | 4,7                    | 130                    | 37                     | 47                        |
| 24                                                  | 43,5                   | 4,7                    | 130                    | 37                     | 53                        |
| 28                                                  | 49,5                   | 4,7                    | 190                    | 37                     | 63                        |
| 32                                                  | 56,0                   | 5,5                    | 190                    | 37                     | 75                        |
| 36                                                  | 62,5                   | 5,5                    | 190                    | 37                     | 88                        |



Bliddose, Rückseite offen, für Vorderwand-montage.  
Dummy, back side open, for front panel mounting.  
Support de serrage avec face arrière ouverte pour montage de l'avant.

Beispiel / Example / Exemple

- VG95234BODXX
- GCB-BODBXX
- GCA-BODBXX

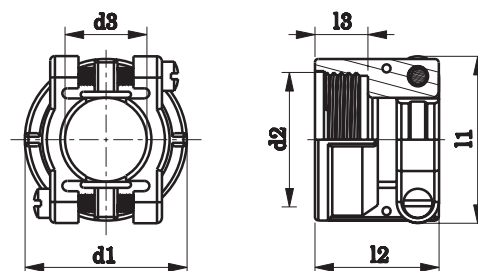
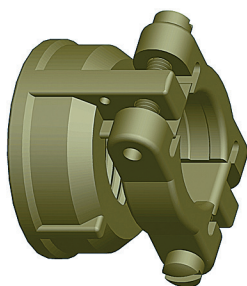
XX für Gehäusegröße

XX for shell size

XX pour la taille de boîtier

| Gehäusegröße /<br>Shell size /<br>Taille de boîtier | d <sub>1</sub><br>-0,15 | d <sub>2</sub><br>±0,2 | l <sub>1</sub><br>±0,3 | l <sub>2</sub><br>±0,1 | l <sub>3</sub><br>max. | Masse /<br>Mass<br>g max. |
|-----------------------------------------------------|-------------------------|------------------------|------------------------|------------------------|------------------------|---------------------------|
| 10SL                                                | 18,2                    | 3,2                    | 25,4                   | 18,2                   | 17,5                   | 14                        |
| 14S                                                 | 24,6                    | 3,2                    | 30,0                   | 23,0                   | 18,0                   | 16                        |
| 16S                                                 | 27,4                    | 3,2                    | 32,5                   | 24,6                   | 18,0                   | 18                        |
| 16                                                  | 27,4                    | 3,2                    | 32,5                   | 24,6                   | 23,5                   | 23                        |
| 18                                                  | 30,8                    | 3,2                    | 35,0                   | 27,0                   | 23,5                   | 26                        |
| 20                                                  | 34,2                    | 3,2                    | 38,0                   | 29,4                   | 23,5                   | 32                        |
| 22                                                  | 37,4                    | 3,2                    | 41,0                   | 31,8                   | 23,5                   | 36                        |
| 24                                                  | 40,9                    | 3,7                    | 44,5                   | 34,9                   | 25,5                   | 41                        |
| 28                                                  | 46,7                    | 3,7                    | 50,8                   | 39,7                   | 25,5                   | 52                        |
| 32                                                  | 53,4                    | 4,3                    | 57,0                   | 44,5                   | 27,0                   | 66                        |
| 36                                                  | 59,6                    | 4,3                    | 63,5                   | 49,2                   | 27,0                   | 80                        |

## VG95234 Klemme / VG95234 Clamp / VG95234 Porte brides



Klemme für Steckverbinder Form E  
Clamp for connector style E  
Porte brides pour connecteur style E

Beispiel / Example / Exemple

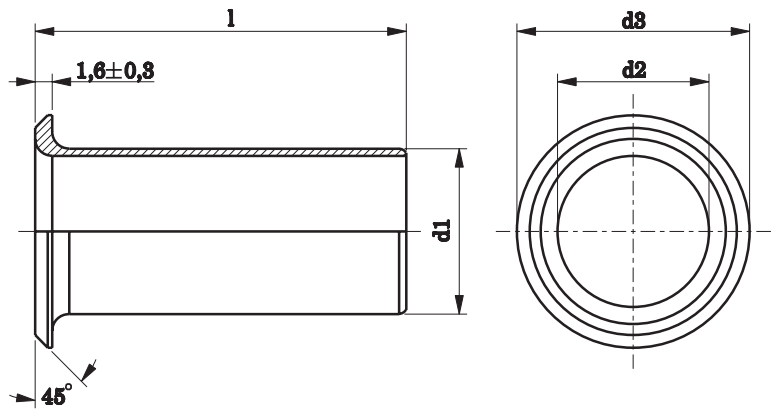
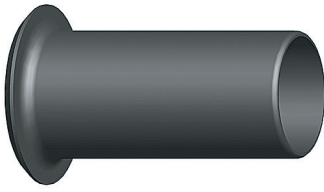
- VG95234KKXX
- GCB-KKXX
- GCA-KKXX

XX für Gehäusegröße

XX for shell size

XX pour la taille de boîtier

| Größe /<br>Size /<br>Taille | Passend für /<br>Appropriate for /<br>Utilisable pour | d <sub>1</sub><br>±0,79 | d <sub>2</sub><br>Klasse 2B<br>(Classe 2B, Class 2B) | d <sub>3</sub><br>max. | l <sub>1</sub><br>±0,79 | l <sub>2</sub><br>±0,79 | l <sub>3</sub> | Masse /<br>Mass<br>g max. |
|-----------------------------|-------------------------------------------------------|-------------------------|------------------------------------------------------|------------------------|-------------------------|-------------------------|----------------|---------------------------|
| 4                           | 10SL                                                  | 20,63                   | 5/8-24UNEF                                           | 8                      | 22,23                   | 20,63                   | 10,3           | 15                        |
| 6                           | 14S                                                   | 24,61                   | 3/4-20UNEF                                           | 11,2                   | 26,98                   | 22,23                   | 10,3           | 20                        |
| 8                           | 16S / 16                                              | 27,79                   | 7/8-20UNEF                                           | 14,3                   | 29,36                   | 23,83                   | 10,3           | 25                        |
| 10                          | 18                                                    | 30,18                   | 1-20UNEF                                             | 15,9                   | 31,75                   | 23,83                   | 10,3           | 25                        |
| 12                          | 20 / 22                                               | 34,93                   | 1 3/16-18UNEF                                        | 19,1                   | 37,31                   | 23,83                   | 10,3           | 35                        |
| 16                          | 24 / 28                                               | 42,06                   | 1 7/16-18UNEF                                        | 23,9                   | 42,88                   | 26,19                   | 10,3           | 45                        |
| 20                          | 32                                                    | 51,59                   | 1 3/4-18UNS                                          | 31,8                   | 51,59                   | 27,79                   | 11,9           | 55                        |
| 24                          | 36                                                    | 56,36                   | 2-18UNS                                              | 35,0                   | 57,94                   | 29,36                   | 13,5           | 75                        |



Knickschutztülle.  
Bushings.  
Manchons.

Beispiel / Example / Exemple

- MS3420-10
- GCB-KTXX
- GCA-KTXX

XX für Gehäusegröße

XX for Shell size

XX pour la taille de boîtier

| Größe /<br>Size /<br>Taille | Bestell-Nr. nach / Order-No according to /<br>Référence suivant |           | d <sub>1</sub> | d <sub>2</sub> | d <sub>3</sub> | l    | Masse /<br>Mass<br>g max. |
|-----------------------------|-----------------------------------------------------------------|-----------|----------------|----------------|----------------|------|---------------------------|
|                             | VG95234                                                         | MS        |                |                |                |      |                           |
| 10SL                        | VG95234KT10SL                                                   | -         | 8,0            | 6,6            | 10,0           | 70,0 | 3                         |
| 14S                         | VG95234KT14S                                                    | -         | 10,9           | 9,1            | 12,7           | 67,0 | 5                         |
| 16S / 16                    | -                                                               | MS3420-8  | 14,0           | 11,1           | 18,9           | 63,5 | 6                         |
| 18                          | -                                                               | MS3420-10 | 15,7           | 14,3           | 22,6           | 60,3 | 4                         |
| 20 / 22                     | -                                                               | MS3420-12 | 18,8           | 15,9           | 27,5           | 57,0 | 7                         |
| 24 / 28                     | VG95234KT24                                                     | -         | 23,6           | 21,5           | 33,3           | 54,0 | 13                        |
| 32                          | VG95234KT32                                                     | -         | 31,5           | 26,8           | 40,4           | 51,0 | 26                        |
| 36                          | -                                                               | MS3420-24 | 34,7           | 31,8           | 46,9           | 47,6 | 30                        |

## VG95234 Blindstopfen / VG95234 Sealing plug / VG95234 Obturateurs



Kontaktkammern im Dichtkörper, die nicht belegt sind, müssen mit Blindstopfen geschlossen werden.

Technische Daten für GCA-B auf Anfrage, für VG95234 und GCB-B: siehe Tabelle.

Grommet cavities without contacts have to be equipped with sealing plugs.

Technical specifications for GCA-B on request, for VG95234 and GCB-B: see table below.

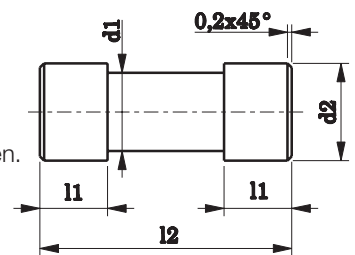
Les cavités de grommet non câblées doivent être équipées d'obturateurs.

Détails techniques pour GCA-B sur demande, pour VG95234 et GCB-B: voir tableau ci-dessous.

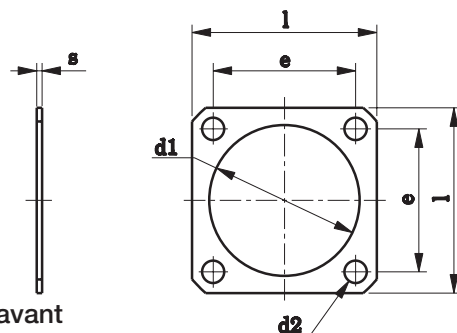
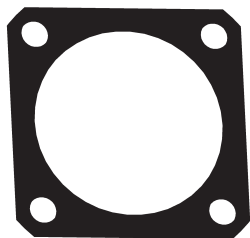
Beispiel / Example / Exemple

- VG95234BXX
- GCB-BXX
- GCA-BXX

XX für Nenngroße, XX for plug size, XX pour la taille



| Nenngroße /<br>Plug size /<br>Taille | Für Kontaktgröße /<br>For contact size /<br>Pour contact taille |     | d <sub>1</sub><br>±0,1 | d <sub>2</sub><br>±0,2 | l <sub>1</sub><br>±0,1 | l <sub>2</sub><br>±0,3 | Farbe /<br>Color /<br>Couleur | Masse pro 1000 Stück /<br>Mass per 1000 pieces /<br>Masse par 1000 pièces<br>g max. |
|--------------------------------------|-----------------------------------------------------------------|-----|------------------------|------------------------|------------------------|------------------------|-------------------------------|-------------------------------------------------------------------------------------|
|                                      | Metrisch /<br>Metric /<br>Métrique                              | AWG |                        |                        |                        |                        |                               |                                                                                     |
| 20                                   | 10                                                              | -   | 2,3                    | 3,0                    | 2,4                    | 9,7                    | rot / red / rouge             | 70                                                                                  |
| 16                                   | 15S / 15                                                        | -   | 2,8                    | 3,7                    | 3,2                    | 11,9                   | blau / blue / bleu            | 165                                                                                 |
| 12                                   | 25 / 25A                                                        | -   | 3,7                    | 4,6                    | 3,2                    | 11,9                   | gelb / yellow / jaune         | 220                                                                                 |
| 8                                    | 60 / 100                                                        | 8   | 5,0                    | 5,8                    | 3,2                    | 11,9                   | weiß / white / blanc          | 330                                                                                 |
| 4                                    | 160                                                             | 4   | 7,6                    | 8,5                    | 3,2                    | 11,9                   | grün / green / vert           | 770                                                                                 |
| 0                                    | 500                                                             | 0   | 12,8                   | 13,5                   | 3,2                    | 11,9                   | schwarz / black / noir        | 2035                                                                                |

**Für Vorderwandmontage / For front panel mounting / Pour montage de l'avant**

Beispiel / Example / Exemple

- VG95234DAXX-Y

- GCB-DAXX-Y

- GCA-DAXX-Y

XX für Gehäusegröße

XX for Shell size

XX pour la taille de boîtier

Y – 1 für elektrisch nicht leitend / 1 for non conductive /

1 pour non conducteur

2 für elektrisch leitend / 2 for conductive /

2 pour conducteur

| Größe /<br>Size /<br>Taille | d <sub>1</sub><br>+1 | d <sub>2</sub><br>+0,5 | e<br>±0,2 | l<br>±0,5 | S                                 |                                   | Masse /<br>Mass /<br>g max. |
|-----------------------------|----------------------|------------------------|-----------|-----------|-----------------------------------|-----------------------------------|-----------------------------|
|                             |                      |                        |           |           | Ausführung<br>(Version) 1<br>±0,4 | Ausführung<br>(Version) 2<br>±0,2 |                             |
| 10SL                        | 15,7                 | 4,2                    | 18,2      | 25,4      | 1                                 | 0,5                               | 2                           |
| 14S                         | 22,1                 | 4,2                    | 23,0      | 30,0      | 1                                 | 0,5                               | 2                           |
| 16S / 16                    | 25,3                 | 4,2                    | 24,6      | 32,5      | 1                                 | 0,5                               | 2                           |
| 18                          | 28,4                 | 4,2                    | 27,0      | 35,0      | 1                                 | 0,5                               | 2                           |
| 20                          | 31,6                 | 4,2                    | 29,4      | 38,0      | 1                                 | 0,5                               | 2                           |
| 22                          | 34,8                 | 4,2                    | 31,8      | 41,0      | 1                                 | 0,5                               | 2                           |
| 24                          | 38,0                 | 4,2                    | 34,9      | 44,5      | 1                                 | 0,5                               | 2                           |
| 28                          | 44,3                 | 5,1                    | 39,7      | 50,8      | 1                                 | 0,5                               | 2                           |
| 32                          | 50,7                 | 5,1                    | 44,5      | 57,0      | 1                                 | 0,5                               | 2                           |
| 36                          | 57,0                 | 5,1                    | 49,2      | 63,5      | 1                                 | 0,5                               | 2                           |

**Für Hinterwandmontage / For back panel mounting / Pour montage de l'arrière**

Beispiel / Example / Exemple

- VG95234DHXX-Y

- GCB-DHXX-Y

- GCA-DHXX-Y

XX für Gehäusegröße

XX for Shell size

XX pour la taille de boîtier

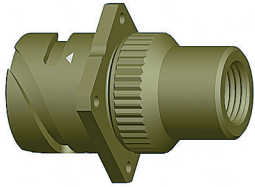
Y – 1 für elektrisch nicht leitend / 1 for non conductive /

1 pour non conducteur

2 für elektrisch leitend / 2 for conductive /

2 pour conducteur

| Größe /<br>Size /<br>Taille | d <sub>1</sub><br>+0,3 | d <sub>2</sub><br>+0,5 | e<br>±0,2 | l<br>±0,5 | S                                 |                                   | Masse /<br>Mass /<br>g max. |
|-----------------------------|------------------------|------------------------|-----------|-----------|-----------------------------------|-----------------------------------|-----------------------------|
|                             |                        |                        |           |           | Ausführung<br>(Version) 1<br>±0,4 | Ausführung<br>(Version) 2<br>±0,2 |                             |
| 10SL                        | 18,2                   | 4,2                    | 18,2      | 25,4      | 1                                 | 0,5                               | 2                           |
| 14S                         | 24,6                   | 4,2                    | 23,0      | 30,0      | 1                                 | 0,5                               | 2                           |
| 16S / 16                    | 27,4                   | 4,2                    | 24,6      | 32,5      | 1                                 | 0,5                               | 2                           |
| 18                          | 30,8                   | 4,2                    | 27,0      | 35,0      | 1                                 | 0,5                               | 2                           |
| 20                          | 34,2                   | 4,2                    | 29,4      | 38,0      | 1                                 | 0,5                               | 2                           |
| 22                          | 37,4                   | 4,2                    | 31,8      | 41,0      | 1                                 | 0,5                               | 2                           |
| 24                          | 40,9                   | 4,2                    | 34,9      | 44,5      | 1                                 | 0,5                               | 2                           |
| 28                          | 46,7                   | 5,1                    | 39,7      | 50,8      | 1                                 | 0,5                               | 2                           |
| 32                          | 53,4                   | 5,1                    | 44,5      | 57,0      | 1                                 | 0,5                               | 2                           |
| 36                          | 59,6                   | 5,1                    | 49,2      | 63,5      | 1                                 | 0,5                               | 2                           |

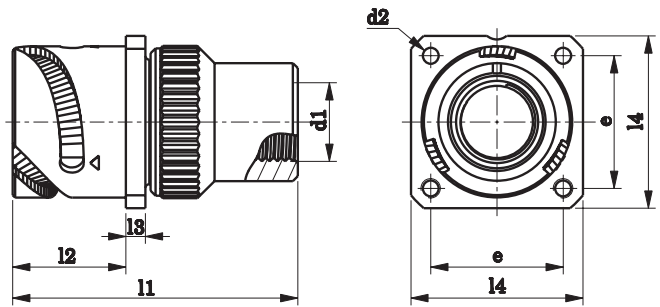


Fester Steckverbinder mit PG- oder metrischem Endgehäuse ohne Dichtkörper.  
Modifikation T2 mit 4 Gewindebohrungen.  
Fixed connector with PG or metrical backshell, without grommet.  
Modification T2 with 4 threaded holes.  
Embase à collerette carrée avec raccord PG ou métrique sans grommet.  
Modification T2 avec 4 trous taraudés.

Beispiel / Example / Exemple  
- GCB3100PXXX-18-1SNB-T2  
- GCA3100PXXX-18-10SNB-T2

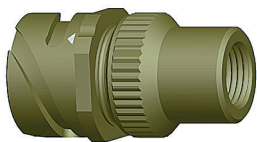
- GCB3100PXXX-18-1SNB  
- GCA3100PXXX-18-10SNB

XXX für Gewindetyp  
XXX for thread type  
XXX pour le type de taraudage



| Gehäuse-<br>größe /<br>Shell size /<br>Taille de boîtier | d <sub>1</sub><br>Gewindetyp / Thread type /<br>Type de taraudage |        |     |                                      | d <sub>2</sub>                 |                            | l <sub>1</sub><br>max. | l <sub>2</sub><br>+0,4 | l <sub>3</sub><br>±0,2 | l <sub>4</sub><br>±0,3 | e<br>±0,1 |
|----------------------------------------------------------|-------------------------------------------------------------------|--------|-----|--------------------------------------|--------------------------------|----------------------------|------------------------|------------------------|------------------------|------------------------|-----------|
|                                                          | XXX                                                               | PG     | XXX | Metrisch /<br>Metrical /<br>Métrique | Ohne /<br>Without /<br>Sans M2 | Mit /<br>With /<br>Avec M2 |                        |                        |                        |                        |           |
| 10SL                                                     | G09                                                               | PG9    | M12 | M12x1,5                              | M4                             | 3,2                        | 55                     | 18,2                   | 2,8                    | 25,4                   | 18,2      |
| 14S                                                      | G11                                                               | PG11   | M16 | M16x1,5                              | M4                             | 3,2                        | 55                     | 18,2                   | 3,2                    | 30,0                   | 23,0      |
| 16S                                                      | G13                                                               | PG13,5 | M20 | M20x1,5                              | M4                             | 3,2                        | 60                     | 18,2                   | 3,2                    | 32,5                   | 24,6      |
| 16                                                       | G13                                                               | PG13,5 | M20 | M20x1,5                              | M4                             | 3,2                        | 70                     | 23,05                  | 3,2                    | 32,5                   | 24,6      |
| 18                                                       | G13                                                               | PG13,5 | M20 | M20x1,5                              | M4                             | 3,2                        | 75                     | 23,05                  | 4,0                    | 35,0                   | 27,0      |
| 20                                                       | G16                                                               | PG16   | M25 | M25x1,5                              | M4                             | 3,2                        | 75                     | 23,05                  | 4,0                    | 38,0                   | 29,4      |
| 22                                                       | G16                                                               | PG16   | M25 | M25x1,5                              | M4                             | 3,2                        | 85                     | 23,05                  | 4,0                    | 41,0                   | 31,8      |
| 24                                                       | G16                                                               | PG16   | M25 | M25x1,5                              | M4                             | 3,7                        | 85                     | 23,05                  | 4,0                    | 44,5                   | 34,9      |
| 28                                                       | G21                                                               | PG21   | M32 | M32x1,5                              | M5                             | 3,7                        | 90                     | 24,05                  | 4,0                    | 50,8                   | 39,7      |
| 32                                                       | G29                                                               | PG29   | M40 | M40x1,5                              | M5                             | 4,3                        | 95                     | 24,05                  | 4,0                    | 57,0                   | 44,5      |
| 36                                                       | G29                                                               | PG29   | M40 | M40x1,5                              | M5                             | 4,3                        | 100                    | 24,05                  | 4,0                    | 63,5                   | 49,2      |

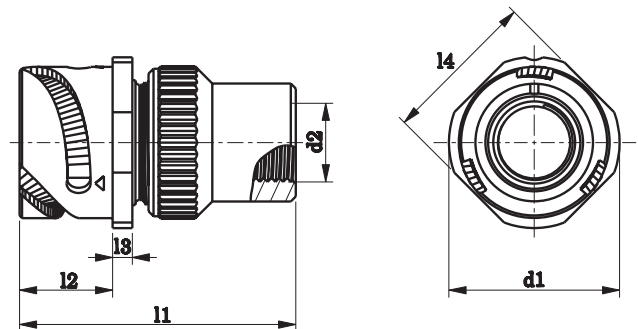
## GCB-B 3101 PG – PM / GCA-B 3101 PG – PM



Kabelverlängerung, gerade, mit PG- oder metrischem Endgehäuse ohne Dichtkörper.  
Inline receptacle, straight type, with PG or metrical backshell, without grommet.  
Prolongateur droit avec raccord PG ou métrique, sans grommet.

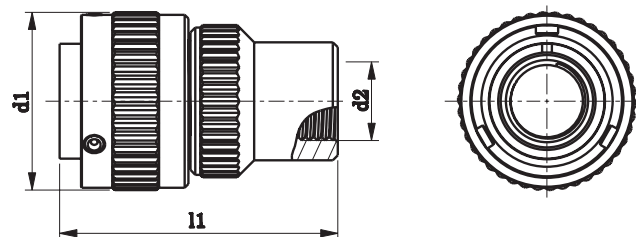
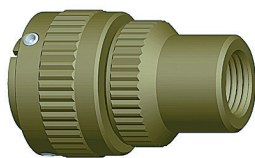
Beispiel / Example / Exemple  
- GCB3101PXXX-18-1SNB  
- GCA3101PXXX-18-10SNB

XXX für Gewindetyp  
XXX for thread type  
XXX pour le type de taraudage



| Gehäuse-<br>größe /<br>Shell size /<br>Taille de boîtier | d <sub>1</sub><br>max. | d <sub>2</sub><br>Gewindegröße / Thread type /<br>Type de taraudage |        |     |                                      | l <sub>1</sub><br>max. | l <sub>2</sub><br>+0,4 | l <sub>3</sub><br>±0,2 | l <sub>4</sub><br>±0,2 |
|----------------------------------------------------------|------------------------|---------------------------------------------------------------------|--------|-----|--------------------------------------|------------------------|------------------------|------------------------|------------------------|
|                                                          |                        | XXX                                                                 | PG     | XXX | Metrisch /<br>Metrical /<br>Métrique |                        |                        |                        |                        |
| 10SL                                                     | 25,2                   | G09                                                                 | PG9    | M12 | M12x1,5                              | 55                     | 14,2                   | 2,8                    | 20,6                   |
| 14S                                                      | 29,8                   | G11                                                                 | PG11   | M16 | M16x1,5                              | 55                     | 14,2                   | 3,2                    | 25,4                   |
| 16S                                                      | 32,3                   | G13                                                                 | PG13,5 | M20 | M20x1,5                              | 60                     | 14,2                   | 3,2                    | 28,6                   |
| 16                                                       | 32,3                   | G13                                                                 | PG13,5 | M20 | M20x1,5                              | 70                     | 19,0                   | 3,2                    | 28,6                   |
| 18                                                       | 34,8                   | G13                                                                 | PG13,5 | M20 | M20x1,5                              | 75                     | 19,0                   | 4,0                    | 31,7                   |
| 20                                                       | 37,8                   | G16                                                                 | PG16   | M25 | M25x1,5                              | 75                     | 19,0                   | 4,0                    | 34,9                   |
| 22                                                       | 41,1                   | G16                                                                 | PG16   | M25 | M25x1,5                              | 85                     | 19,0                   | 4,0                    | 38,1                   |
| 24                                                       | 44,6                   | G16                                                                 | PG16   | M25 | M25x1,5                              | 85                     | 20,6                   | 4,0                    | 41,3                   |
| 28                                                       | 50,9                   | G21                                                                 | PG21   | M32 | M32x1,5                              | 90                     | 20,6                   | 4,0                    | 47,6                   |
| 32                                                       | 57,1                   | G29                                                                 | PG29   | M40 | M40x1,5                              | 95                     | 22,2                   | 4,0                    | 54,0                   |
| 36                                                       | 63,6                   | G29                                                                 | PG29   | M40 | M40x1,5                              | 100                    | 22,0                   | 4,0                    | 60,6                   |





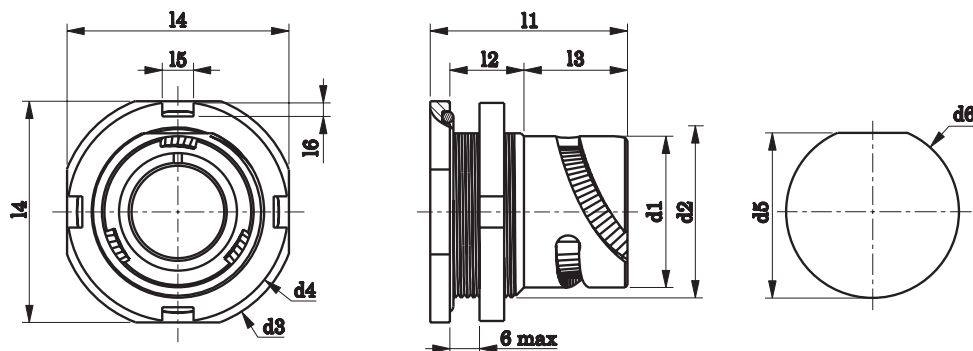
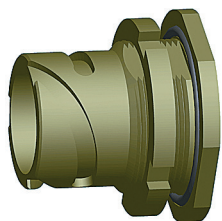
Freier Steckverbinder mit PG- oder metrischem Endgehäuse, ohne Dichtkörper.  
Free connector with PG or metrical backshell, without grommet.  
Mobile droite avec raccord PG ou métrique, sans grommet.

Beispiel / Example / Exemple  
- GCB3106PXXX-18-1SNB  
- GCA3106PXXX-18-10SNB

XXX für Gewindetyp  
XXX for thread type  
XXX pour le type de taraudage

| Gehäusegröße /<br>Shell size /<br>Taille de boîtier | d <sub>1</sub><br>max. | Gewindetyp / Thread type / Type de taraudage |        |     |                                      | l <sub>1</sub><br>max. |
|-----------------------------------------------------|------------------------|----------------------------------------------|--------|-----|--------------------------------------|------------------------|
|                                                     |                        | XXX                                          | PG     | XXX | Metrisch /<br>Metrical /<br>Métrique |                        |
| 10SL                                                | 22,8                   | G09                                          | PG9    | M12 | M12x1,5                              | 55                     |
| 14S                                                 | 29,2                   | G11                                          | PG11   | M16 | M16x1,5                              | 55                     |
| 16S                                                 | 32,0                   | G13                                          | PG13,5 | M20 | M20x1,5                              | 60                     |
| 16                                                  | 32,0                   | G13                                          | PG13,5 | M20 | M20x1,5                              | 70                     |
| 18                                                  | 36,5                   | G13                                          | PG13,5 | M20 | M20x1,5                              | 75                     |
| 20                                                  | 39,9                   | G16                                          | PG16   | M25 | M25x1,5                              | 75                     |
| 22                                                  | 43,1                   | G16                                          | PG16   | M25 | M25x1,5                              | 85                     |
| 24                                                  | 46,6                   | G16                                          | PG16   | M25 | M25x1,5                              | 85                     |
| 28                                                  | 53,4                   | G21                                          | PG21   | M32 | M32x1,5                              | 90                     |
| 32                                                  | 60,1                   | G29                                          | PG29   | M40 | M40x1,5                              | 95                     |
| 36                                                  | 66,3                   | G29                                          | PG29   | M40 | M40x1,5                              | 100                    |

## GCB-B 3107 / GCA-B 3107

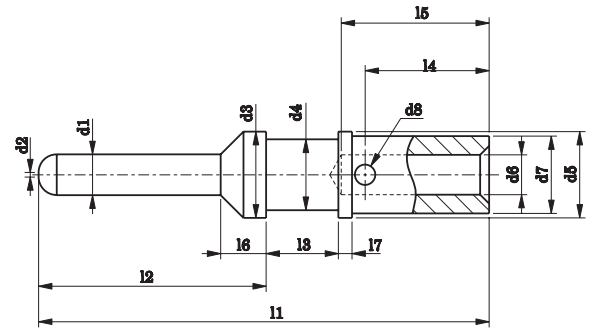


Steckdose für Einlochmontage mit O-Ring Dichtung.  
Receptacle for single hole mounting with O-ring seal.  
Embase à fixation par écrou avec joint torique.

Beispiel / Example / Exemple  
- GCB3107-18-1SNB  
- GCA3107-18-10SNB

| Gehäusegröße /<br>Shell size /<br>Taille de boîtier | d <sub>1</sub> | d <sub>2</sub><br>Klasse 2A<br>(Class 2A,<br>Classe 2A) | d <sub>3</sub> | d <sub>4</sub> | d <sub>5</sub> | d <sub>6</sub> | l <sub>1</sub> | l <sub>2</sub> | l <sub>3</sub> | l <sub>4</sub> | l <sub>5</sub> | l <sub>6</sub> |
|-----------------------------------------------------|----------------|---------------------------------------------------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|
| 10SL                                                | 18,2           | 7/8-20UNEF                                              | 35,0           | 31,5           | 20,9           | 22,7           | 29,2           | 13,5           | 12,5           | 31,8           | 5,0            | 2,5            |
| 14S                                                 | 24,6           | 1 1/8-18UNEF                                            | 41,3           | 37,9           | 27,2           | 28,8           | 29,2           | 13,5           | 12,5           | 38,1           | 6,0            | 2,5            |
| 16S                                                 | 27,4           | 1 1/4-18UNEF                                            | 44,4           | 41,0           | 30,4           | 32,0           | 29,2           | 13,5           | 12,5           | 41,2           | 6,0            | 2,5            |
| 16                                                  | 27,4           | 1 1/4-18UNEF                                            | 44,4           | 41,0           | 30,4           | 32,0           | 37,7           | 13,5           | 21,0           | 41,2           | 6,0            | 2,5            |
| 18                                                  | 30,8           | 1 3/8-18UNEF                                            | 48,2           | 44,8           | 33,6           | 35,1           | 40,0           | 15,0           | 21,0           | 45,0           | 7,0            | 3,0            |
| 20                                                  | 34,1           | 1 1/2-18UNEF                                            | 52,4           | 49,0           | 36,8           | 38,2           | 40,0           | 15,0           | 21,0           | 49,2           | 7,0            | 3,0            |
| 22                                                  | 37,3           | 1 5/8-18UNEF                                            | 55,5           | 52,2           | 39,9           | 42,0           | 40,0           | 15,0           | 21,0           | 52,4           | 7,0            | 3,0            |
| 24                                                  | 40,8           | 1 3/4-18UNEF                                            | 59,0           | 55,0           | 43,1           | 44,7           | 40,0           | 15,0           | 21,0           | 55,2           | 7,0            | 3,0            |
| 28                                                  | 46,7           | 2-18UNS                                                 | 66,0           | 62,0           | 49,2           | 51,1           | 40,0           | 15,0           | 21,0           | 62,2           | 7,0            | 3,0            |
| 32                                                  | 53,3           | 2 1/4-16UN                                              | 72,0           | 68,0           | 55,7           | 57,4           | 40,0           | 15,0           | 21,0           | 68,2           | 7,0            | 3,0            |
| 36                                                  | 59,6           | 2 1/2-16UN                                              | 80,0           | 75,0           | 62,0           | 63,8           | 40,0           | 15,0           | 21,0           | 75,2           | 8,0            | 3,0            |

Stiftkontakte VG95234 / GCB-B  
Pin contacts VG95234 / GCB-B  
Contacts mâles VG95234 / GCB-B

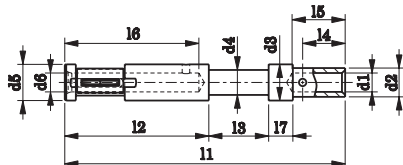


| Kontaktgröße /<br>Contact size /<br>Taille de contact |     | Teile-Nummer / Part-Number /<br>Référence |                                                     |                                               | d <sub>1</sub> | d <sub>2</sub> | d <sub>3</sub> | d <sub>4</sub> | d <sub>5</sub> | d <sub>6</sub> | d <sub>7</sub> |
|-------------------------------------------------------|-----|-------------------------------------------|-----------------------------------------------------|-----------------------------------------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|
| Metrisch /<br>Metrical<br>Métrique                    | AWG | VG95234                                   | Amphenol versilbert /<br>silver plated /<br>argenté | Amphenol vergoldet /<br>gold plated /<br>doré | -0,05          | max.           |                |                |                |                |                |
| 10                                                    | -   | VG95234P10                                | GCB10M                                              | GCB10M-A176                                   | 1,04           | 0,4            | 2,0 -0,05      | 1,5 -0,05      | 2,6 -0,10      | 1,50 +0,05     | 2,40 -0,05     |
|                                                       |     | VG95234P10-001                            | GCB10M-001                                          | GCB10M-001-A176                               |                |                |                |                |                | 0,90 +0,05     |                |
| 15S                                                   | -   | VG95234P15S                               | GCB15SM                                             | GCB15SM-A176                                  | 1,60           | 0,4            | 3,2 -0,10      | 1,75 -0,10     | 3,2 -0,10      | 1,75 +0,08     | 2,75 -0,05     |
|                                                       |     | VG95234P15S-001                           | GCB15SM-001                                         | GCB15SM-001-A176                              |                |                |                |                |                | 0,90 +0,05     |                |
|                                                       |     | VG95234P15S-002                           | GCB15SM-002                                         | GCB15SM-002-A176                              |                |                |                |                |                | 1,20 +0,10     |                |
| 15                                                    | -   | VG95234P15                                | GCB15M                                              | GCB15M-A176                                   | 1,60           | 0,4            | 3,2 -0,10      | 1,75 -0,10     | 3,2 -0,10      | 1,75 +0,08     | 2,75 -0,05     |
|                                                       |     | VG95234P15-001                            | GCB15M-001                                          | GCB15M-001-A176                               |                |                |                |                |                | 0,90 +0,05     |                |
|                                                       |     | VG95234P15-002                            | GCB15M-002                                          | GCB15M-002-A176                               |                |                |                |                |                | 1,20 +0,10     |                |
| 25                                                    | -   | VG95234P25                                | GCB25M                                              | GCB25M-A176                                   | 2,40           | 0,4            | 4,8 -0,10      | 3,30 -0,15     | 4,8 -0,10      | 2,50 +0,10     | 3,80 -0,10     |
|                                                       |     | VG95234P25-001                            | GCB25M-001                                          | GCB25M-001-A176                               |                |                |                |                |                | 1,75 +0,08     |                |
| 25A                                                   | -   | VG95234P25A                               | GCB25AM                                             | GCB25AM-A176                                  | 2,40           | 0,4            | 4,8 -0,10      | 3,30 -0,15     | 4,8 -0,10      | 2,50 +0,10     | 3,80 -0,10     |
| 60                                                    | -   | VG95234P60                                | GCB60M                                              | GCB60M-A176                                   | 3,60           | 0,4            | 7,6 -0,20      | 6,25 -0,15     | 7,6 -0,20      | 3,50 +0,10     | 6,80 -0,10     |
|                                                       |     | VG95234P60-001                            | GCB60M-001                                          | GCB60M-001-A176                               |                |                |                |                |                | 2,50 +0,05     |                |
| -                                                     | 8   | VG95234P8                                 | GCB8M                                               | GCB8M-A176                                    | 3,60           | 0,4            | 7,6 -0,20      | 6,25 -0,15     | 7,6 -0,20      | 4,55 +0,10     | 6,80 -0,10     |
| 100                                                   | -   | VG95234P100                               | GCB100M                                             | GCB100M-A176                                  | 3,60           | 0,4            | 7,6 -0,20      | 6,25 -0,15     | 7,6 -0,20      | 4,80 +0,10     | 6,80 -0,10     |
| 160                                                   | -   | VG95234P160                               | GCB160M                                             | GCB160M-A176                                  | 5,75           | 2,5            | 11,2 -0,20     | 9,55 -0,15     | 11,2 -0,20     | 6,20 +0,15     | 9,55 -0,10     |
|                                                       |     | VG95234P160-001                           | GCB160M-001                                         | GCB160M-001-A176                              |                |                |                |                |                | 5,70 +0,10     |                |
| -                                                     | 4   | VG95234P4                                 | GCB4M                                               | GCB4M-A176                                    | 5,75           | 2,5            | 11,2 -0,20     | 9,55 -0,15     | 11,2 -0,20     | 7,10 +0,15     | 9,55 -0,10     |
| 500                                                   | -   | VG95234P500                               | GCB500M                                             | GCB500M-A176                                  | 9,10           | 5,8            | 15,15 -0,20    | 13,55 -0,15    | 15,15 -0,20    | 10,70 +0,15    | 14,35 -0,10    |
|                                                       |     | VG95234P500-001                           | GCB500M-001                                         | GCB500M-001-A176                              |                |                |                |                |                | 7,60 +0,15     |                |
|                                                       |     | VG95234P500-002                           | GCB500M-002                                         | GCB500M-002-A176                              |                |                |                |                |                | 9,10 +0,15     |                |
| -                                                     | 0   | VG95234P0                                 | GCB0M                                               | GCB0M-A176                                    | 9,10           | 5,8            | 15,15 -0,20    | 13,55 -0,15    | 15,15 -0,20    | 11,50 +0,15    | 14,35 -0,10    |

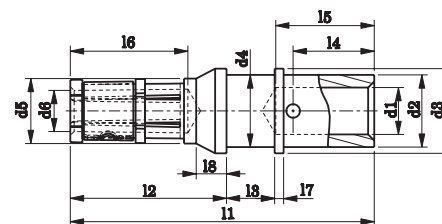
| Kontaktgröße /<br>Contact size /<br>Taille de contact |     | Teile-Nummer / Part-Number /<br>Référence |                                                     |                                               | d <sub>8</sub> | l <sub>1</sub> | l <sub>2</sub> | l <sub>3</sub> | l <sub>4</sub> | l <sub>5</sub> | l <sub>6</sub> | l <sub>7</sub> |
|-------------------------------------------------------|-----|-------------------------------------------|-----------------------------------------------------|-----------------------------------------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|
| Metrisch /<br>Metrical<br>Métrique                    | AWG | VG95234                                   | Amphenol versilbert /<br>silver plated /<br>argenté | Amphenol vergoldet /<br>gold plated /<br>doré | ±0,1           | ±0,2           | ±0,15          | ±0,1           | ±0,5           | min.           |                |                |
| 10                                                    | -   | VG95234P10                                | GCB10M                                              | GCB10M-A176                                   | 0,7            | 28,4           | 11,3           | 4,75           | 3,4            | 4,6            | 1,3 ±0,10      | 0,8 ±0,10      |
|                                                       |     | VG95234P10-001                            | GCB10M-001                                          | GCB10M-001-A176                               |                |                |                |                |                |                |                |                |
| 15S                                                   | -   | VG95234P15S                               | GCB15SM                                             | GCB15SM-A176                                  | 1,0            | 27,4           | 13,9           | 3,85           | 5,6            | 6,8            | 2,4 ±0,20      | 3,2 ±0,20      |
|                                                       |     | VG95234P15S-001                           | GCB15SM-001                                         | GCB15SM-001-A176                              |                |                |                |                |                |                |                |                |
|                                                       |     | VG95234P15S-002                           | GCB15SM-002                                         | GCB15SM-002-A176                              |                |                |                |                |                |                |                |                |
| 15                                                    | -   | VG95234P15                                | GCB15M                                              | GCB15M-A176                                   | 1,0            | 31,4           | 13,9           | 7,90           | 5,6            | 6,8            | 2,4 ±0,20      | 3,2 ±0,20      |
|                                                       |     | VG95234P15-001                            | GCB15M-001                                          | GCB15M-001-A176                               |                |                |                |                |                |                |                |                |
|                                                       |     | VG95234P15-002                            | GCB15M-002                                          | GCB15M-002-A176                               |                |                |                |                |                |                |                |                |
| 25                                                    | -   | VG95234P25                                | GCB25M                                              | GCB25M-A176                                   | 1,8            | 37,0           | 18,3           | 7,90           | 5,6            | 6,8            | 2,4 ±0,20      | 3,8 ±0,20      |
|                                                       |     | VG95234P25-001                            | GCB25M-001                                          | GCB25M-001-A176                               |                |                |                |                |                |                |                |                |
| 25A                                                   | -   | VG95234P25A                               | GCB25AM                                             | GCB25AM-A176                                  | 1,8            | 33,9           | 15,2           | 7,90           | 5,6            | 6,8            | 2,4 ±0,20      | 3,8 ±0,20      |
| 60                                                    | -   | VG95234P60                                | GCB60M                                              | GCB60M-A176                                   | 1,8            | 39,6           | 20,0           | 6,35           | 11,0           | 12,0           | 4,0 ±0,20      | 1,2 ±0,20      |
|                                                       |     | VG95234P60-001                            | GCB60M-001                                          | GCB60M-001-A176                               |                |                |                |                |                |                |                |                |
| -                                                     | 8   | VG95234P8                                 | GCB8M                                               | GCB8M-A176                                    | 1,8            | 39,6           | 20,0           | 6,35           | 11,0           | 12,0           | 4,0 ±0,20      | 1,2 ±0,20      |
| 100                                                   | -   | VG95234P100                               | GCB100M                                             | GCB100M-A176                                  | 1,8            | 39,6           | 20,0           | 6,35           | 11,0           | 12,0           | 4,0 ±0,20      | 1,2 ±0,20      |
| 160                                                   | -   | VG95234P160                               | GCB160M                                             | GCB160M-A176                                  | 1,8            | 39,6           | 20,0           | 6,35           | 11,0           | 12,0           | 4,0 ±0,20      | 1,2 ±0,20      |
|                                                       |     | VG95234P160-001                           | GCB160M-001                                         | GCB160M-001-A176                              |                |                |                |                |                |                |                |                |
| -                                                     | 4   | VG95234P4                                 | GCB4M                                               | GCB4M-A176                                    | 1,8            | 39,6           | 20,0           | 6,35           | 11,0           | 12,0           | 4,0 ±0,20      | 1,2 ±0,20      |
| 500                                                   | -   | VG95234P500                               | GCB500M                                             | GCB500M-A176                                  | 1,8            | 41,0           | 20,0           | 6,35           | 12,3           | 14,0           | 4,0 ±0,20      | 1,2 ±0,20      |
|                                                       |     | VG95234P500-001                           | GCB500M-001                                         | GCB500M-001-A176                              |                |                |                |                |                |                |                |                |
|                                                       |     | VG95234P500-002                           | GCB500M-002                                         | GCB500M-002-A176                              |                |                |                |                |                |                |                |                |
| -                                                     | 0   | VG95234P0                                 | GCB0M                                               | GCB0M-A176                                    | 1,8            | 41,0           | 20,0           | 6,35           | 12,3           | 14,0           | 4,0 ±0,20      | 1,2 ±0,20      |

Buchsenkontakte VG95234 / GCB-B  
 Socket contacts VG95234 / GCB-B  
 Contacts femelles VG95234 / GCB-B

Größe / Size / Taille –  
 10; 15S; 15; 25



Größe / Size / Taille –  
 60; 8; 100,  
 160; 4; 500; 0



| Kontaktgröße /<br>Contact size /<br>Taille de contact |     | Teile-Nummer / Part-Number /<br>Référence |                                                     |                                               | d <sub>1</sub> | d <sub>2</sub> | d <sub>3</sub> | d <sub>4</sub> | d <sub>5</sub> | d <sub>6</sub> | l <sub>1</sub> |
|-------------------------------------------------------|-----|-------------------------------------------|-----------------------------------------------------|-----------------------------------------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|
| Metrisch /<br>Metrical<br>Métrique                    | AWG | VG95234                                   | Amphenol versilbert /<br>silver plated /<br>argenté | Amphenol vergoldet /<br>gold plated /<br>doré |                |                |                |                |                |                |                |
| 10                                                    | -   | VG95234S10                                | GCB10F                                              | GCB10F-A176                                   | 1,50 +0,05     | 2,40 -0,05     | 2,6 -0,10      | 1,50 -0,05     | 2,0 -0,10      | 1,07 +0,20     | 36,8 ±0,30     |
|                                                       |     | VG95234S10-001                            | GCB10F-001                                          | GCB10F-001-A176                               | 0,90 +0,05     |                |                |                |                |                |                |
| 15S                                                   | -   | VG95234S15S                               | GCB15SF                                             | GCB15SF-A176                                  | 1,75 +0,08     | 2,75 -0,05     | 3,2 -0,15      | 1,75 -0,10     | 3,2 -0,15      | 1,65 +0,30     | 29,1 ±0,20     |
|                                                       |     | VG95234S15S-001                           | GCB15SF-001                                         | GCB15SF-001-A176                              | 0,90 +0,05     |                |                |                |                |                |                |
|                                                       |     | VG95234S15S-002                           | GCB15SF-002                                         | GCB15SF-002-A176                              | 1,20 +0,10     |                |                |                |                |                |                |
| 15                                                    | -   | VG95234S15                                | GCB15F                                              | GCB15F-A176                                   | 1,75 +0,08     | 2,75 -0,05     | 3,2 -0,15      | 1,75 -0,10     | 3,2 -0,15      | 1,65 +0,30     | 37,8 ±0,20     |
|                                                       |     | VG95234S15-001                            | GCB15F-001                                          | GCB15F-001-A176                               | 0,90 +0,05     |                |                |                |                |                |                |
|                                                       |     | VG95234S15-002                            | GCB15F-002                                          | GCB15F-002-A176                               | 1,20 +0,10     |                |                |                |                |                |                |
| 25                                                    | -   | VG95234S25                                | GCB25F                                              | GCB25F-A176                                   | 2,50 +0,10     | 3,80 -0,10     | 4,8 -0,10      | 3,30 -0,10     | 4,8 -0,10      | 2,45 +0,30     | 37,0 ±0,20     |
|                                                       |     | VG95234S25-001                            | GCB25F-001                                          | GCB25F-001-A176                               | 1,75 +0,08     | 3,40 -0,05     |                |                |                |                |                |
| 60                                                    | -   | VG95234S60                                | GCB60F                                              | GCB60F-A176                                   | 3,50 +0,10     | 6,80 -0,10     | 7,6 -0,20      | 6,25 -0,20     | 6,5 -0,20      | 3,65 ±0,05     | 40,1 ±0,20     |
|                                                       |     | VG95234S60-001                            | GCB60F-001                                          | GCB60F-001-A176                               | 2,50 +0,05     |                |                |                |                |                |                |
| -                                                     | 8   | VG95234S8                                 | GCB8F                                               | GCB8F-A176                                    | 4,55 +0,10     | 6,80 -0,10     | 7,6 -0,20      | 6,25 -0,20     | 6,5 -0,20      | 3,65 ±0,05     | 40,1 ±0,20     |
| 100                                                   | -   | VG95234S100                               | GCB100F                                             | GCB100F-A176                                  | 4,80 +0,10     | 6,80 -0,10     | 7,6 -0,20      | 6,25 -0,20     | 6,5 -0,20      | 3,65 ±0,05     | 40,1 ±0,20     |
| 160                                                   | -   | VG95234S160                               | GCB160F                                             | GCB160F-A176                                  | 6,20 +0,15     | 9,55 -0,10     | 11,2 -0,20     | 9,55 -0,20     | 8,6 -0,20      | 5,80 ±0,05     | 40,1 ±0,20     |
|                                                       |     | VG95234S160-001                           | GCB160F-001                                         | GCB160F-001-A176                              | 5,70 +0,10     |                |                |                |                |                |                |
| -                                                     | 4   | VG95234S4                                 | GCB4F                                               | GCB4F-A176                                    | 7,10 +0,15     | 9,55 -0,10     | 11,2 -0,20     | 9,55 -0,20     | 8,6 -0,20      | 5,80 ±0,05     | 40,1 ±0,20     |
| 500                                                   | -   | VG95234S500                               | GCB500F                                             | GCB500F-A176                                  | 10,70 +0,15    | 14,35 -0,10    | 15,15 -0,20    | 13,55 -0,20    | 13,2 -0,20     | 9,15 ±0,05     | 41,6 ±0,20     |
|                                                       |     | VG95234S500-001                           | GCB500F-001                                         | GCB500F-001-A176                              | 7,60 +0,15     |                |                |                |                |                |                |
|                                                       |     | VG95234S500-002                           | GCB500F-002                                         | GCB500F-002-A176                              | 9,10 +0,15     |                |                |                |                |                |                |
| -                                                     | 0   | VG95234S0                                 | GCB0F                                               | GCB0F-A176                                    | 11,50 +0,15    | 14,35 -0,10    | 15,15 -0,20    | 13,55 -0,20    | 13,2 -0,20     | 9,15 ±0,05     | 41,6 ±0,20     |

| Kontaktgröße /<br>Contact size /<br>Taille de contact |     | Teile-Nummer / Part-Number /<br>Référence |                                                     |                                               | l <sub>2</sub> | l <sub>3</sub><br>±0,1 | l <sub>4</sub><br>±0,5 | l <sub>5</sub><br>min. | l <sub>6</sub><br>min. | l <sub>7</sub> | l <sub>8</sub><br>±0,2 |
|-------------------------------------------------------|-----|-------------------------------------------|-----------------------------------------------------|-----------------------------------------------|----------------|------------------------|------------------------|------------------------|------------------------|----------------|------------------------|
| Metrisch /<br>Metrical<br>Métrique                    | AWG | VG95234                                   | Amphenol versilbert /<br>silver plated /<br>argenté | Amphenol vergoldet /<br>gold plated /<br>doré |                |                        |                        |                        |                        |                |                        |
| 10                                                    | -   | VG95234S10                                | GCB10F                                              | GCB10F-A176                                   | 19,7 ±0,25     | 4,75                   | 3,4                    | 4,6                    | 7,5                    | 0,8 ±0,30      | -                      |
|                                                       |     | VG95234S10-001                            | GCB10F-001                                          | GCB10F-001-A176                               |                |                        |                        |                        |                        |                |                        |
| 15S                                                   | -   | VG95234S15S                               | GCB15SF                                             | GCB15SF-A176                                  | 15,1 ±0,20     | 3,90                   | 5,6                    | 6,8                    | 10                     | 3,3 ±0,10      | -                      |
|                                                       |     | VG95234S15S-001                           | GCB15SF-001                                         | GCB15SF-001-A176                              |                |                        |                        |                        |                        |                |                        |
|                                                       |     | VG95234S15S-002                           | GCB15SF-002                                         | GCB15SF-002-A176                              |                |                        |                        |                        |                        |                |                        |
| 15                                                    | -   | VG95234S15                                | GCB15F                                              | GCB15F-A176                                   | 19,8 ±0,20     | 7,90                   | 5,6                    | 6,8                    | 10                     | 3,3 ±0,10      | -                      |
|                                                       |     | VG95234S15-001                            | GCB15F-001                                          | GCB15F-001-A176                               |                |                        |                        |                        |                        |                |                        |
|                                                       |     | VG95234S15-002                            | GCB15F-002                                          | GCB15F-002-A176                               |                |                        |                        |                        |                        |                |                        |
| 25                                                    | -   | VG95234S25                                | GCB25F                                              | GCB25F-A176                                   | 19,0 ±0,15     | 7,90                   | 5,6                    | 6,8                    | 15                     | 3,2 ±0,20      | -                      |
|                                                       |     | VG95234S25-001                            | GCB25F-001                                          | GCB25F-001-A176                               |                |                        |                        |                        |                        |                |                        |
| 60                                                    | -   | VG95234S60                                | GCB60F                                              | GCB60F-A176                                   | 20,6 ±0,15     | 6,35                   | 11,0                   | 12,0                   | 15                     | 1,2 ±0,20      | 4                      |
|                                                       |     | VG95234S60-001                            | GCB60F-001                                          | GCB60F-001-A176                               |                |                        |                        |                        |                        |                |                        |
| -                                                     | 8   | VG95234S8                                 | GCB8F                                               | GCB8F-A176                                    | 20,6 ±0,15     | 6,35                   | 11,0                   | 12,0                   | 15                     | 1,2 ±0,20      | 4                      |
| 100                                                   | -   | VG95234S100                               | GCB100F                                             | GCB100F-A176                                  | 20,6 ±0,15     | 6,35                   | 11,0                   | 12,0                   | 15                     | 1,2 ±0,20      | 4                      |
| 160                                                   | -   | VG95234S160                               | GCB160F                                             | GCB160F-A176                                  | 20,6 ±0,15     | 6,35                   | 11,0                   | 12,0                   | 15                     | 1,2 ±0,20      | 4                      |
|                                                       |     | VG95234S160-001                           | GCB160F-001                                         | GCB160F-001-A176                              |                |                        |                        |                        |                        |                |                        |
| -                                                     | 4   | VG95234S4                                 | GCB4F                                               | GCB4F-A176                                    | 20,6 ±0,15     | 6,35                   | 11,0                   | 12,0                   | 15                     | 1,2 ±0,20      | 4                      |
| 500                                                   | -   | VG95234S500                               | GCB500F                                             | GCB500F-A176                                  | 20,6 ±0,15     | 6,35                   | 12,3                   | 14,0                   | 15                     | 1,2 ±0,20      | 4                      |
|                                                       |     | VG95234S500-001                           | GCB500F-001                                         | GCB500F-001-A176                              |                |                        |                        |                        |                        |                |                        |
|                                                       |     | VG95234S500-002                           | GCB500F-002                                         | GCB500F-002-A176                              |                |                        |                        |                        |                        |                |                        |
| -                                                     | 0   | VG95234S0                                 | GCB0F                                               | GCB0F-A176                                    | 20,6 ±0,15     | 6,35                   | 12,3                   | 14,0                   | 15                     | 1,2 ±0,20      | 4                      |

| Kontaktgröße /<br>Contact size /<br>Taille de contact |     | Teile-Nummer / Part-Number /<br>Référence |                                                                       |                                                                 | Farbcode /<br>Color code /<br>Code couleur | Anschließbarer Leiter / Applicable wire /<br>Section admissible |                 |                   |                 |
|-------------------------------------------------------|-----|-------------------------------------------|-----------------------------------------------------------------------|-----------------------------------------------------------------|--------------------------------------------|-----------------------------------------------------------------|-----------------|-------------------|-----------------|
| Metrisch /<br>Metrical<br>Métrique                    | AWG | VG95234 <sup>(1)</sup>                    | Amphenol<br>versilbert /<br>silver plated /<br>argenté <sup>(2)</sup> | Amphenol<br>vergoldet /<br>gold plated /<br>doré <sup>(2)</sup> |                                            | mm <sup>2</sup>                                                 |                 | AWG               |                 |
|                                                       |     |                                           |                                                                       |                                                                 |                                            | von /<br>for / de                                               | bis /<br>to / à | von /<br>for / de | bis /<br>to / à |
| 10                                                    | -   | VG95234X10                                | GCB10X                                                                | GCB10X-A176                                                     | -                                          | 0,50                                                            | 1,00            | 20                | 18              |
|                                                       |     | VG95234X10-001                            | GCB10X-001                                                            | GCB10X-001-A176                                                 | Blau / Blue / Bleu                         | 0,14                                                            | 0,38            | 26                | 22              |
| 15S                                                   | -   | VG95234X15S                               | GCB15SX                                                               | GCB15SX-A176                                                    | -                                          | 0,75                                                            | 1,50            | 18                | 16              |
|                                                       |     | VG95234X15S-001                           | GCB15SX-001                                                           | GCB15SX-001-A176                                                | Blau / Blue / Bleu                         | 0,14                                                            | 0,38            | 26                | 22              |
|                                                       |     | VG95234X15S-002                           | GCB15SX-002                                                           | GCB15SX-002-A176                                                | Rot / Red / Rouge                          | 0,30                                                            | 0,60            | 22                | 20              |
| 15                                                    | -   | VG95234X15                                | GCB15X                                                                | GCB15X-A176                                                     | -                                          | 0,75                                                            | 1,50            | 18                | 16              |
|                                                       |     | VG95234X15-001                            | GCB15X-001                                                            | GCB15X-001-A176                                                 | Blau / Blue / Bleu                         | 0,14                                                            | 0,38            | 26                | 22              |
|                                                       |     | VG95234X15-002                            | GCB15X-002                                                            | GCB15X-002-A176                                                 | Rot / Red / Rouge                          | 0,30                                                            | 0,60            | 22                | 20              |
| 25                                                    | -   | VG95234X25                                | GCB25X                                                                | GCB25X-A176                                                     | -                                          | 2,00                                                            | 3,00            | 14                | 12              |
|                                                       |     | VG95234X25-001                            | GCB25X-001                                                            | GCB25X-001-A176                                                 | Schwarz / Black / Noir                     | 0,75                                                            | 1,50            | 18                | 16              |
| 25A                                                   | -   | VG95234P25A                               | GCB25AM                                                               | GCB25AM-A176                                                    | -                                          | 2,00                                                            | 3,00            | 14                | 12              |
| 60                                                    | -   | VG95234X60                                | GCB60X                                                                | GCB60X-A176                                                     | Gelb / Yellow / Jaune                      | 6,00                                                            |                 | 10                |                 |
|                                                       |     | VG95234X60-001                            | GCB60X-001                                                            | GCB60X-001-A176                                                 | Grün / Green / Vert                        | 2,00                                                            | 3,00            | 14                | 12              |
| -                                                     | 8   | VG95234X8                                 | GCB8X                                                                 | GCB8X-A176                                                      | -                                          | -                                                               |                 | 8                 |                 |
| 100                                                   | -   | VG95234X100                               | GCB100X                                                               | GCB100X-A176                                                    | -                                          | 10,0                                                            |                 | -                 |                 |
| 160                                                   | -   | VG95234X160                               | GCB160X                                                               | GCB160X-A176                                                    | -                                          | 16,0                                                            |                 | -                 |                 |
|                                                       |     | VG95234X160-001                           | GCB160X-001                                                           | GCB160X-001-A176                                                | Braun / Braun / Brun                       | -                                                               |                 | 6                 |                 |
| -                                                     | 4   | VG95234X4                                 | GCB4X                                                                 | GCB4X-A176                                                      | -                                          | -                                                               |                 | 4                 |                 |
| 500                                                   | -   | VG95234X500                               | GCB500X                                                               | GCB500X-A176                                                    | -                                          | 50,0                                                            |                 | -                 |                 |
|                                                       |     | VG95234X500-001                           | GCB500X-001                                                           | GCB500X-001-A176                                                | Weiss / White / Blanc                      | 25,0                                                            |                 | 4                 |                 |
|                                                       |     | VG95234X500-002                           | GCB500X-002                                                           | GCB500X-002-A176                                                | Grau / Grey / Gris                         | 35,0                                                            |                 | 2                 |                 |
| -                                                     | 0   | VG95234X0                                 | GCB0X                                                                 | GCB0X-A176                                                      | -                                          | -                                                               |                 | 0                 |                 |

<sup>(1)</sup> X – P oder / or / ou S<sup>(2)</sup> X – M oder / or / ou F

## VG95234 / GCB-B – Werkzeuge / Tools / Outillages

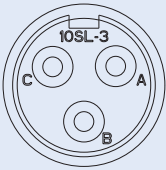
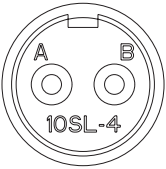
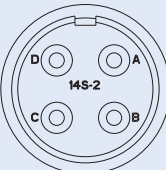
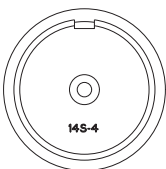
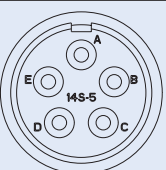
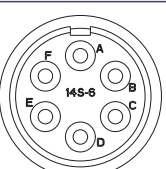
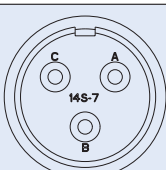
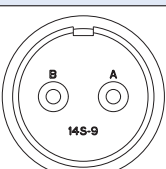
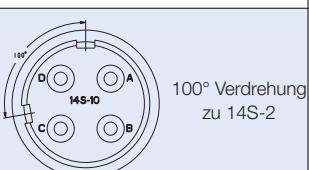
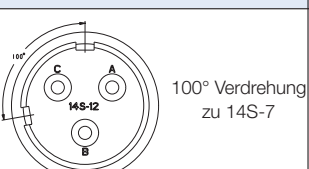
| Kontaktgröße/<br>Contact size /<br>Taille de contact |     | Teile-Nummer / Part-Number / Référence            |                                                                      |                                                                | Stiftkontakte / Pin contacts /<br>Contacts mâles |                                                   | Buchsenkontakte / Socket contacts /<br>Contacts femelles |                                                   |
|------------------------------------------------------|-----|---------------------------------------------------|----------------------------------------------------------------------|----------------------------------------------------------------|--------------------------------------------------|---------------------------------------------------|----------------------------------------------------------|---------------------------------------------------|
| Metrisch /<br>Metrical /<br>Métrique                 | AWG | VG95234 <sup>(1)</sup>                            | Amphenol<br>versilbert /<br>silver plate /<br>argenté <sup>(2)</sup> | Amphenol<br>vergoldet /<br>gold plate /<br>doré <sup>(2)</sup> | Crimpzange /<br>Crimp tool /<br>Pince à sertir   | Crimpeinsatz<br>Crimp insert /<br>Insert à sertir | Crimpzange /<br>Crimp tool /<br>Pince à sertir           | Crimpeinsatz<br>Crimp insert /<br>Insert à sertir |
| 10                                                   | –   | VG95234X10<br>VG95234X10-001                      | GCB10X<br>GCB10X-001                                                 | GCB10X-A176<br>GCB10X-001-A176                                 | M22520/1-01                                      | VG95236T25A0002                                   | M22520/1-01                                              | VG95236T25A0002                                   |
| 15S                                                  | –   | VG95234X15S<br>VG95234X15S-001<br>VG95234X15S-002 | GCB15SX<br>GCB15SX-001<br>GCB15SX-002                                | GCB15SX-A176<br>GCB15SX-001-A176<br>GCB15SX-002-A176           | M22520/1-01                                      | VG95236T25A0001                                   | M22520/1-01                                              | VG95236T25A0002                                   |
| 15                                                   | –   | VG95234X15<br>VG95234X15-001<br>VG95234X15-002    | GCB15X<br>GCB15X-001<br>GCB15X-002                                   | GCB15X-A176<br>GCB15X-001-A176<br>GCB15X-002-A176              | M22520/1-01                                      | VG95236T25A0001                                   | M22520/1-01                                              | VG95236T25A0002                                   |
| 25                                                   | 12  | VG95234X25<br>VG95234X25-001                      | GCB25X<br>GCB25X-001                                                 | GCB25X-A176<br>GCB25X-001-A176                                 | M22520/1-01                                      | VG95236T25A0001                                   | M22520/1-01                                              | VG95236T25A0002                                   |
| 25A                                                  | –   | VG95234P25A                                       | GCB25AM                                                              | GCB25AM-A176                                                   | M22520/1-01                                      | VG95236T25A0001                                   | -                                                        | -                                                 |
| 60                                                   | –   | VG95234X60<br>VG95234X60-001                      | GCB60X<br>GCB60X-001                                                 | GCB60X-A176<br>GCB60X-001-A176                                 | VG95236T11A0001                                  | VG95236T11AB007                                   | VG95236T11A0001                                          | VG95236T11AB007                                   |
| –                                                    | 8   | VG95234X8                                         | GCB8X                                                                | GCB8X-A176                                                     |                                                  |                                                   |                                                          |                                                   |
| 100                                                  | –   | VG95234X100                                       | GCB100X                                                              | GCB100X-A176                                                   |                                                  |                                                   |                                                          |                                                   |
| 160                                                  | –   | VG95234X160<br>VG95234X160-001                    | GCB160X<br>GCB160X-001                                               | GCB160X-A176<br>GCB160X-001-A176                               |                                                  | VG95236T11AB008                                   |                                                          | VG95236T11AB008                                   |
| –                                                    | 4   | VG95234X4                                         | GCB4X                                                                | GCB4X-A176                                                     |                                                  |                                                   |                                                          |                                                   |
| 500                                                  | –   | VG95234X500<br>VG95234X500-001<br>VG95234X500-002 | GCB500X<br>GCB500X-001<br>GCB500X-002                                | GCB500X-A176<br>GCB500X-001-A176<br>GCB500X-002-A176           |                                                  | VG95236T11AB009                                   |                                                          | VG95236T11AB009                                   |
| –                                                    | 0   | VG95234X0                                         | GCB0X                                                                | GCB0X-A176                                                     |                                                  |                                                   |                                                          |                                                   |

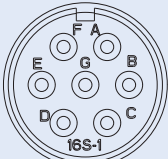
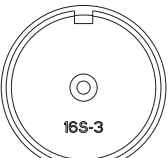
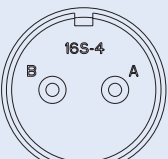
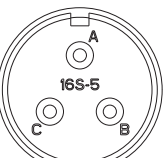
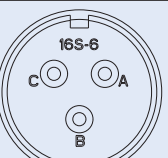
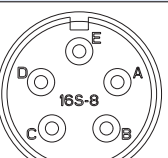
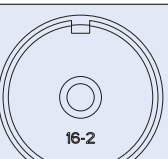
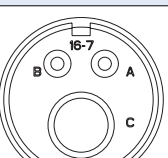
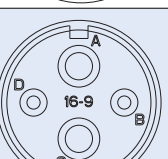
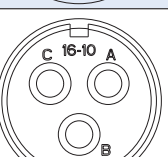
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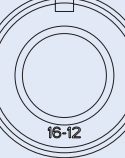
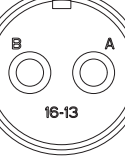
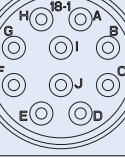
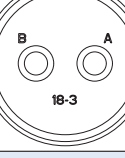
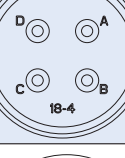
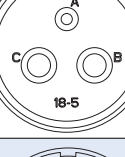
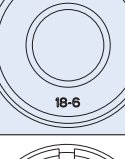
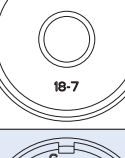
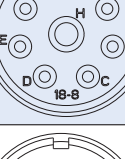
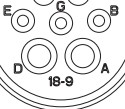
| Kontakt-<br>einsatz /<br>Contact<br>insert /<br>Insert | Anzahl der<br>Kontakte /<br>Number of<br>contacts /<br>Nombre de<br>contacts | Kontaktgröße / Contact size /<br>Taille de contact |   |   |    |    | Kontakt-<br>einsatz /<br>Contact<br>insert /<br>Insert | Anzahl der<br>Kontakte /<br>Number of<br>contacts /<br>Nombre de<br>contacts | Kontaktgröße / Contact size /<br>Taille de contact |   |   |    |    |
|--------------------------------------------------------|------------------------------------------------------------------------------|----------------------------------------------------|---|---|----|----|--------------------------------------------------------|------------------------------------------------------------------------------|----------------------------------------------------|---|---|----|----|
|                                                        |                                                                              | 0                                                  | 4 | 8 | 12 | 16 |                                                        |                                                                              | 0                                                  | 4 | 8 | 12 | 16 |
| 14S-4                                                  | 1                                                                            |                                                    |   |   |    | 1  | 36-4                                                   | 3                                                                            | 3                                                  |   |   |    |    |
| 16S-3                                                  | 1                                                                            |                                                    |   |   |    | 1  | 14S-2                                                  | 4                                                                            |                                                    |   |   |    | 4  |
| 16-2                                                   | 1                                                                            |                                                    |   |   | 1  |    | 14S-10                                                 | 4                                                                            |                                                    |   |   |    | 4  |
| 16-12                                                  | 1                                                                            |                                                    | 1 |   |    |    | 16-9                                                   | 4                                                                            |                                                    |   |   | 2  | 2  |
| 18-6                                                   | 1                                                                            |                                                    | 1 |   |    |    | 18-4                                                   | 4                                                                            |                                                    |   |   |    | 4  |
| 18-7                                                   | 1                                                                            |                                                    |   | 1 |    |    | 18-10                                                  | 4                                                                            |                                                    |   |   | 4  |    |
| 18-16                                                  | 1                                                                            |                                                    |   |   | 1  |    | 18-13                                                  | 4                                                                            |                                                    |   | 1 | 3  |    |
| 22-7                                                   | 1                                                                            | 1                                                  |   |   |    |    | 18-15                                                  | 4                                                                            |                                                    |   |   | 4  |    |
| 10SL-4                                                 | 2                                                                            |                                                    |   |   |    | 2  | 20-4                                                   | 4                                                                            |                                                    |   |   | 4  |    |
| 14S-9                                                  | 2                                                                            |                                                    |   |   |    | 2  | 20-20                                                  | 4                                                                            |                                                    | 1 |   | 3  |    |
| 16S-4                                                  | 2                                                                            |                                                    |   |   |    | 2  | 20-24                                                  | 4                                                                            |                                                    |   | 2 |    | 2  |
| 16-13                                                  | 2                                                                            |                                                    |   |   | 2  |    | 22-4                                                   | 4                                                                            |                                                    |   | 2 | 2  |    |
| 18-3                                                   | 2                                                                            |                                                    |   |   | 2  |    | 22-10                                                  | 4                                                                            |                                                    |   |   |    | 4  |
| 18-14                                                  | 2                                                                            |                                                    | 1 |   |    | 1  | 22-22                                                  | 4                                                                            |                                                    |   | 4 |    |    |
| 20-12                                                  | 2                                                                            |                                                    | 1 |   |    | 1  | 24-22                                                  | 4                                                                            |                                                    |   | 4 |    |    |
| 20-23                                                  | 2                                                                            |                                                    |   | 2 |    |    | 36-5                                                   | 4                                                                            | 4                                                  |   |   |    |    |
| 22-1                                                   | 2                                                                            |                                                    |   | 2 |    |    | 14S-5                                                  | 5                                                                            |                                                    |   |   |    | 5  |
| 22-8                                                   | 2                                                                            |                                                    |   |   | 2  |    | 16S-8                                                  | 5                                                                            |                                                    |   |   |    | 5  |
| 22-11                                                  | 2                                                                            |                                                    |   |   |    | 2  | 18-11                                                  | 5                                                                            |                                                    |   |   | 5  |    |
| 24-9                                                   | 2                                                                            |                                                    | 2 |   |    |    | 18-20                                                  | 5                                                                            |                                                    |   |   |    | 5  |
| 28-7                                                   | 2                                                                            |                                                    | 2 |   |    |    | 18-29                                                  | 5                                                                            |                                                    |   |   |    | 5  |
| 10SL-3                                                 | 3                                                                            |                                                    |   |   |    | 3  | 18-30                                                  | 5                                                                            |                                                    |   |   |    | 5  |
| 14S-7                                                  | 3                                                                            |                                                    |   |   |    | 3  | 18-31                                                  | 5                                                                            |                                                    |   |   |    | 5  |
| 14S-12                                                 | 3                                                                            |                                                    |   |   |    | 3  | 20-14                                                  | 5                                                                            |                                                    |   | 2 | 3  |    |
| 16S-5                                                  | 3                                                                            |                                                    |   |   |    | 3  | 22-12                                                  | 5                                                                            |                                                    |   | 2 |    | 3  |
| 16S-6                                                  | 3                                                                            |                                                    |   |   |    | 3  | 22-13                                                  | 5                                                                            |                                                    |   |   | 4  | 1  |
| 16-7                                                   | 3                                                                            |                                                    |   | 1 |    | 2  | 22-34                                                  | 5                                                                            |                                                    |   |   | 3  | 2  |
| 16-10                                                  | 3                                                                            |                                                    |   |   | 3  |    | 24-12                                                  | 5                                                                            |                                                    | 2 |   | 3  |    |
| 18-5                                                   | 3                                                                            |                                                    |   |   | 2  | 1  | 24-17                                                  | 5                                                                            |                                                    |   |   | 2  | 3  |
| 18-22                                                  | 3                                                                            |                                                    |   |   |    | 3  | 28-5                                                   | 5                                                                            |                                                    | 2 |   | 1  | 2  |
| 20-3                                                   | 3                                                                            |                                                    |   |   | 3  |    | 32-1                                                   | 5                                                                            | 2                                                  |   |   | 3  |    |
| 20-6                                                   | 3                                                                            |                                                    |   |   |    | 3  | 14S-6                                                  | 6                                                                            |                                                    |   |   |    | 6  |
| 20-19                                                  | 3                                                                            |                                                    |   | 3 |    |    | 18-12                                                  | 6                                                                            |                                                    |   |   |    | 6  |
| 22-2                                                   | 3                                                                            |                                                    |   | 3 |    |    | 20-8                                                   | 6                                                                            |                                                    |   | 2 |    | 4  |
| 22-6                                                   | 3                                                                            |                                                    |   | 2 |    | 1  | 20-17                                                  | 6                                                                            |                                                    |   |   | 5  | 1  |
| 22-9                                                   | 3                                                                            |                                                    |   |   | 3  |    | 20-22                                                  | 6                                                                            |                                                    |   | 3 |    | 3  |
| 22-21                                                  | 3                                                                            | 1                                                  |   |   |    | 2  | 22-5                                                   | 6                                                                            |                                                    |   |   | 2  | 4  |
| 28-3                                                   | 3                                                                            |                                                    |   | 3 |    |    | 22-15                                                  | 6                                                                            |                                                    |   |   | 5  | 1  |
| 28-6                                                   | 3                                                                            |                                                    | 3 |   |    |    | 22-24                                                  | 6                                                                            |                                                    |   |   | 2  | 4  |

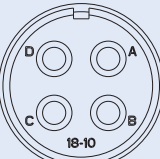
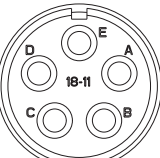
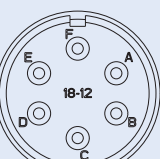
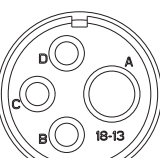
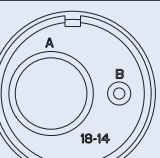
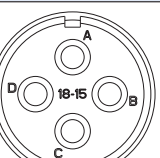
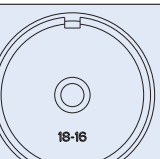
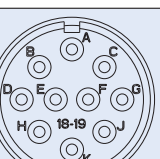
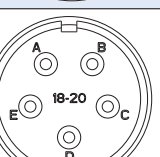
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|--------------------------------------------------------|------------------------------------------------------------------------------|----------------------------------------------------|---|---|----|----|--------------------------------------------------------|------------------------------------------------------------------------------|----------------------------------------------------|---|---|----|----|
|                                                        |                                                                              | 0                                                  | 4 | 8 | 12 | 16 |                                                        |                                                                              | 0                                                  | 4 | 8 | 12 | 16 |
| 28-22                                                  | 6                                                                            |                                                    | 3 |   |    | 3  | 28-8                                                   | 12                                                                           |                                                    |   |   | 2  | 10 |
| 36-3                                                   | 6                                                                            | 3                                                  |   |   | 3  |    | 28-9                                                   | 12                                                                           |                                                    |   |   | 6  | 6  |
| 36-6                                                   | 6                                                                            | 2                                                  | 4 |   |    |    | 28-18                                                  | 12                                                                           |                                                    |   |   |    | 12 |
| 16S-1                                                  | 7                                                                            |                                                    |   |   |    | 7  | 20-11                                                  | 13                                                                           |                                                    |   |   |    | 13 |
| 18-9                                                   | 7                                                                            |                                                    |   |   | 2  | 5  | 20-25                                                  | 13                                                                           |                                                    |   |   |    | 13 |
| 18-17                                                  | 7                                                                            |                                                    |   |   | 2  | 5  | 20-30                                                  | 13                                                                           |                                                    |   |   |    | 13 |
| 20-15                                                  | 7                                                                            |                                                    |   |   | 7  |    | 20-27                                                  | 14                                                                           |                                                    |   |   |    | 14 |
| 22-28                                                  | 7                                                                            |                                                    |   |   | 7  |    | 22-19                                                  | 14                                                                           |                                                    |   |   |    | 14 |
| 22-33                                                  | 7                                                                            |                                                    |   |   |    | 7  | 28-2                                                   | 14                                                                           |                                                    |   |   | 2  | 12 |
| 24-2                                                   | 7                                                                            |                                                    |   |   | 7  |    | 28-20                                                  | 14                                                                           |                                                    |   |   | 10 | 4  |
| 24-3                                                   | 7                                                                            |                                                    |   |   | 2  | 5  | 32-4                                                   | 14                                                                           |                                                    |   |   | 2  | 12 |
| 24-10                                                  | 7                                                                            |                                                    |   | 7 |    |    | 28-17                                                  | 15                                                                           |                                                    |   |   |    | 15 |
| 24-16                                                  | 7                                                                            |                                                    |   | 1 | 3  | 3  | 24-5                                                   | 16                                                                           |                                                    |   |   |    | 16 |
| 24-27                                                  | 7                                                                            |                                                    |   |   |    | 7  | 24-7                                                   | 16                                                                           |                                                    |   |   | 2  | 14 |
| 28-10                                                  | 7                                                                            |                                                    | 2 | 2 | 3  |    | 36-14                                                  | 16                                                                           |                                                    |   | 5 | 5  | 6  |
| 18-8                                                   | 8                                                                            |                                                    |   |   | 1  | 7  | 20-29                                                  | 17                                                                           |                                                    |   |   |    | 17 |
| 20-7                                                   | 8                                                                            |                                                    |   |   |    | 8  | 36-13                                                  | 17                                                                           |                                                    |   |   | 2  | 15 |
| 20-9                                                   | 8                                                                            |                                                    |   |   | 1  | 7  | 22-14                                                  | 19                                                                           |                                                    |   |   |    | 19 |
| 22-18                                                  | 8                                                                            |                                                    |   |   |    | 8  | 28-16                                                  | 20                                                                           |                                                    |   |   |    | 20 |
| 22-23                                                  | 8                                                                            |                                                    |   |   | 8  |    | 28-11                                                  | 22                                                                           |                                                    |   |   | 4  | 18 |
| 24-6                                                   | 8                                                                            |                                                    |   |   | 8  |    | 36-1                                                   | 22                                                                           |                                                    |   |   | 4  | 18 |
| 20-16                                                  | 9                                                                            |                                                    |   |   | 2  | 7  | 24-28                                                  | 24                                                                           |                                                    |   |   |    | 24 |
| 20-18                                                  | 9                                                                            |                                                    |   |   | 3  | 6  | 28-12                                                  | 26                                                                           |                                                    |   |   |    | 26 |
| 20-21                                                  | 9                                                                            |                                                    |   |   | 1  | 8  | 28-13                                                  | 26                                                                           |                                                    |   |   |    | 26 |
| 22-16                                                  | 9                                                                            |                                                    |   |   | 3  | 6  | 32-8                                                   | 30                                                                           |                                                    |   |   | 6  | 24 |
| 22-17                                                  | 9                                                                            |                                                    |   |   | 1  | 8  | 36-9                                                   | 31                                                                           |                                                    | 1 | 2 | 14 | 14 |
| 22-20                                                  | 9                                                                            |                                                    |   |   |    | 9  | 36-18                                                  | 31                                                                           |                                                    | 1 | 2 | 14 | 14 |
| 22-27                                                  | 9                                                                            |                                                    |   | 1 |    | 8  | 36-20                                                  | 34                                                                           |                                                    |   | 2 | 2  | 30 |
| 24-11                                                  | 9                                                                            |                                                    |   | 3 | 6  |    | 28-15                                                  | 35                                                                           |                                                    |   |   |    | 35 |
| 28-1                                                   | 9                                                                            |                                                    |   | 3 | 6  |    | 36-15                                                  | 35                                                                           |                                                    |   |   |    | 35 |
| 28-4                                                   | 9                                                                            |                                                    |   |   | 2  | 7  | 28-21                                                  | 37                                                                           |                                                    |   |   |    | 37 |
| 32-3                                                   | 9                                                                            | 1                                                  | 2 |   | 2  | 4  | 36-7                                                   | 47                                                                           |                                                    |   |   | 7  | 40 |
| 18-1                                                   | 10                                                                           |                                                    |   |   |    | 10 | 36-8                                                   | 47                                                                           |                                                    |   |   | 1  | 46 |
| 18-19                                                  | 10                                                                           |                                                    |   |   |    | 10 | 36-16                                                  | 47                                                                           |                                                    |   |   | 7  | 40 |
| 18-24                                                  | 10                                                                           |                                                    |   |   |    | 10 | 36-17                                                  | 47                                                                           |                                                    |   |   | 7  | 40 |
| 24-21                                                  | 10                                                                           |                                                    |   | 1 |    | 9  | 36-10                                                  | 48                                                                           |                                                    |   |   |    | 48 |
| 28-19                                                  | 10                                                                           |                                                    |   |   | 4  | 6  | 36-11                                                  | 48                                                                           |                                                    |   |   |    | 48 |
| 20-33                                                  | 11                                                                           |                                                    |   |   |    | 11 | 36-12                                                  | 48                                                                           |                                                    |   |   |    | 48 |
| 24-20                                                  | 11                                                                           |                                                    |   |   | 2  | 9  | 36-52                                                  | 52                                                                           |                                                    |   |   |    | 52 |



| Ansicht auf die Vorderseite des<br>Stifteinsatzes/<br>Front face of pin insert illustrated/<br>Vue face avant de l'insert mâle | Polbild /<br>Contact<br>arrangement/<br>Arrangement | Kontakte / Contacts /<br>Contacts |                             | Spannungsklasse<br>für Kontakte /<br>Voltage class for<br>contacts / Tension<br>d'utilisation des<br>contacts | Winkelstellung der Kontakteinsätze in Grad /<br>Angular position of the contact inserts<br>in degrees / Polarisation des inserts en degrés |    |     |     |     |
|--------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------|-----------------------------------|-----------------------------|---------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------|----|-----|-----|-----|
|                                                                                                                                |                                                     | Anzahl /<br>Number /<br>Nombre    | Größe /<br>Size /<br>Taille |                                                                                                               | N                                                                                                                                          | W  | X   | Y   | Z   |
|                                               | 10SL-3                                              | 3                                 | AWG 16                      | A                                                                                                             | 0                                                                                                                                          | -  | -   | -   | -   |
|                                               | 10SL-4                                              | 2                                 | AWG 16                      | A                                                                                                             | 0                                                                                                                                          | -  | -   | -   | -   |
|                                               | 14S-2                                               | 4                                 | AWG 16                      | Inst.                                                                                                         | 0                                                                                                                                          | -  | 120 | 240 | -   |
|                                              | 14S-4                                               | 1                                 | AWG 16                      | D                                                                                                             | 0                                                                                                                                          | -  | -   | -   | -   |
|                                             | 14S-5                                               | 5                                 | AWG 16                      | Inst.                                                                                                         | 0                                                                                                                                          | -  | 110 | -   | -   |
|                                             | 14S-6                                               | 6                                 | AWG 16                      | Inst.                                                                                                         | 0                                                                                                                                          | -  | -   | -   | -   |
|                                             | 14S-7                                               | 3                                 | AWG 16                      | A                                                                                                             | 0                                                                                                                                          | 90 | 180 | 270 | -   |
|                                             | 14S-9                                               | 2                                 | AWG 16                      | A                                                                                                             | 0                                                                                                                                          | 70 | 145 | 215 | 290 |
|                                             | 14S-10                                              | 4                                 | AWG 16                      | Inst.                                                                                                         | 0                                                                                                                                          | -  | -   | -   | -   |
|                                             | 14S-12                                              | 3                                 | AWG 16                      | A                                                                                                             | 0                                                                                                                                          | -  | -   | -   | -   |

| Ansicht auf die Vorderseite des<br>Stifteinsatzes/<br>Front face of pin insert illustrated/<br>Vue face avant de l'insert mâle | Polbild /<br>Contact<br>arrangement/<br>Arrangement | Kontakte / Contacts /<br>Contacts |                             | Spannungsklasse<br>für Kontakte /<br>Voltage class for<br>contacts / Tension<br>d'utilisation des<br>contacts | Winkelstellung der Kontakteinsätze in Grad /<br>Angular position of the contact inserts<br>in degrees / Polarisation des inserts en degrés |    |     |     |     |
|--------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------|-----------------------------------|-----------------------------|---------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------|----|-----|-----|-----|
|                                                                                                                                |                                                     | Anzahl /<br>Number /<br>Nombre    | Größe /<br>Size /<br>Taille |                                                                                                               | N                                                                                                                                          | W  | X   | Y   | Z   |
|                                               | 16S-1                                               | 7                                 | AWG 16                      | A                                                                                                             | 0                                                                                                                                          | 80 | -   | -   | 280 |
|                                               | 16S-3                                               | 1                                 | AWG 16                      | B                                                                                                             | 0                                                                                                                                          | -  | -   | -   | -   |
|                                               | 16S-4                                               | 2                                 | AWG 16                      | D                                                                                                             | 0                                                                                                                                          | 35 | 110 | 250 | 325 |
|                                              | 16S-5                                               | 3                                 | AWG 16                      | A                                                                                                             | 0                                                                                                                                          | 70 | 145 | 215 | 290 |
|                                             | 16S-6                                               | 3                                 | AWG 16                      | A                                                                                                             | 0                                                                                                                                          | 90 | 180 | 270 | -   |
|                                             | 16S-8                                               | 5                                 | AWG 16                      | A                                                                                                             | 0                                                                                                                                          | -  | 170 | 265 | -   |
|                                             | 16-2                                                | 1                                 | AWG 12                      | E                                                                                                             | 0                                                                                                                                          | -  | -   | -   | -   |
|                                             | 16-7                                                | 1                                 | AWG 8                       | A                                                                                                             | 0                                                                                                                                          | 80 | 110 | 250 | 280 |
|                                                                                                                                |                                                     | 2                                 | AWG 16                      |                                                                                                               |                                                                                                                                            |    |     |     |     |
|                                             | 16-9                                                | 2                                 | AWG 12                      | A                                                                                                             | 0                                                                                                                                          | 35 | 110 | 250 | 325 |
|                                                                                                                                |                                                     | 2                                 | AWG 16                      |                                                                                                               |                                                                                                                                            |    |     |     |     |
|                                             | 16-10                                               | 3                                 | AWG 12                      | A                                                                                                             | 0                                                                                                                                          | 90 | 180 | 270 | -   |

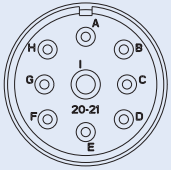
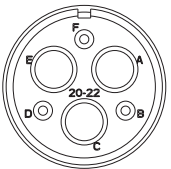
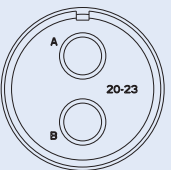
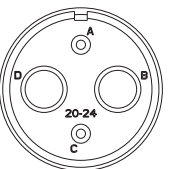
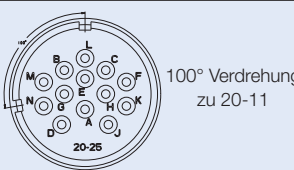
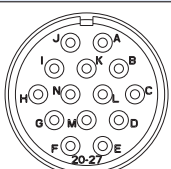
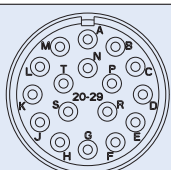
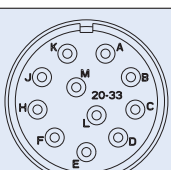
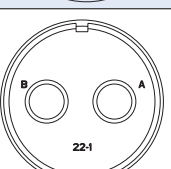
| Ansicht auf die Vorderseite des<br>Stifteinsatzes/<br>Front face of pin insert illustrated/<br>Vue face avant de l'insert mâle | Polbild /<br>Contact<br>arrangement/<br>Arrangement | Kontakte / Contacts /<br>Contacts |                             | Spannungsklasse<br>für Kontakte /<br>Voltage class for<br>contacts / Tension<br>d'utilisation des<br>contacts | Winkelstellung der Kontakteinsätze in Grad /<br>Angular position of the contact inserts<br>in degrees / Polarisation des inserts en degrés |    |     |     |     |
|--------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------|-----------------------------------|-----------------------------|---------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------|----|-----|-----|-----|
|                                                                                                                                |                                                     | Anzahl /<br>Number /<br>Nombre    | Größe /<br>Size /<br>Taille |                                                                                                               | N                                                                                                                                          | W  | X   | Y   | Z   |
|                                               | 16-12                                               | 1                                 | AWG 4                       | A                                                                                                             | 0                                                                                                                                          | -  | -   | -   | -   |
|                                               | 16-13                                               | 2<br>A = Eisen<br>B = Konstantan  | AWG 12                      | A                                                                                                             | 0                                                                                                                                          | 35 | 110 | 250 | 325 |
|                                               | 18-1                                                | 10                                | AWG 16                      | B,C,F,G - A<br><br>A,D,E,H,I,J -<br>Inst.                                                                     | 0                                                                                                                                          | 70 | 145 | 215 | 290 |
|                                              | 18-3                                                | 2                                 | AWG 12                      | D                                                                                                             | 0                                                                                                                                          | 35 | 110 | 250 | 325 |
|                                             | 18-4                                                | 4                                 | AWG 16                      | D                                                                                                             | 0                                                                                                                                          | 35 | 110 | 250 | 325 |
|                                             | 18-5                                                | 2<br><br>1                        | AWG 12<br><br>AWG 16        | D                                                                                                             | 0                                                                                                                                          | 80 | 110 | 250 | 280 |
|                                             | 18-6                                                | 1                                 | AWG 4                       | D                                                                                                             | 0                                                                                                                                          | -  | -   | -   | -   |
|                                             | 18-7                                                | 1                                 | AWG 8                       | B                                                                                                             | 0                                                                                                                                          | -  | -   | -   | -   |
|                                             | 18-8                                                | 1<br><br>7                        | AWG 12<br><br>AWG 16        | A                                                                                                             | 0                                                                                                                                          | 70 | -   | -   | 290 |
|                                             | 18-9                                                | 2<br><br>5                        | AWG 12<br><br>AWG 16        | Inst.                                                                                                         | 0                                                                                                                                          | 80 | 110 | 250 | 280 |

| Ansicht auf die Vorderseite des<br>Stifteinsatzes/<br>Front face of pin insert illustrated/<br>Vue face avant de l'insert mâle | Polbild /<br>Contact<br>arrangement/<br>Arrangement | Kontakte / Contacts /<br>Contacts         |                             | Spannungsklasse<br>für Kontakte /<br>Voltage class for<br>contacts / Tension<br>d'utilisation des<br>contacts | Winkelstellung der Kontakteinsätze in Grad /<br>Angular position of the contact inserts<br>in degrees / Polarisation des inserts en degrés |    |     |     |     |
|--------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------|-------------------------------------------|-----------------------------|---------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------|----|-----|-----|-----|
|                                                                                                                                |                                                     | Anzahl /<br>Number /<br>Nombre            | Größe /<br>Size /<br>Taille |                                                                                                               | N                                                                                                                                          | W  | X   | Y   | Z   |
|                                               | 18-10                                               | 4                                         | AWG 12                      | A                                                                                                             | 0                                                                                                                                          | -  | 120 | 240 | -   |
|                                               | 18-11                                               | 5                                         | AWG 12                      | A                                                                                                             | 0                                                                                                                                          | -  | 170 | 265 | -   |
|                                               | 18-12                                               | 6                                         | AWG 16                      | A                                                                                                             | 0                                                                                                                                          | 80 | -   | -   | 280 |
|                                              | 18-13                                               | 1                                         | AWG 8                       | A                                                                                                             | 0                                                                                                                                          | 80 | 110 | 250 | 280 |
|                                                                                                                                |                                                     | 3                                         | AWG 12                      |                                                                                                               |                                                                                                                                            |    |     |     |     |
|                                             | 18-14                                               | 1                                         | AWG 4                       | A                                                                                                             | 0                                                                                                                                          | 80 | 110 | 250 | 280 |
|                                                                                                                                |                                                     | 1                                         | AWG 16                      |                                                                                                               |                                                                                                                                            |    |     |     |     |
|                                             | 18-15                                               | 4<br>A, C = Eisen<br>B, D =<br>Konstantan | AWG 12                      | A                                                                                                             | 0                                                                                                                                          | -  | 120 | 240 | -   |
|                                             | 18-16                                               | 1                                         | AWG 12                      | C                                                                                                             | 0                                                                                                                                          | -  | -   | -   | -   |
|                                             | 18-17                                               | 2                                         | AWG 12                      | Inst.                                                                                                         | 0                                                                                                                                          | -  | -   | -   | -   |
|                                                                                                                                |                                                     | 5                                         | AWG 16                      |                                                                                                               |                                                                                                                                            |    |     |     |     |
|                                             | 18-19                                               | 10                                        | AWG 16                      | A                                                                                                             | 0                                                                                                                                          | -  | -   | -   | -   |
|                                             | 18-20                                               | 5                                         | AWG 16                      | A                                                                                                             | 0                                                                                                                                          | 90 | 180 | 270 | -   |

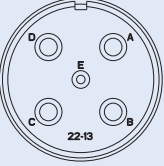
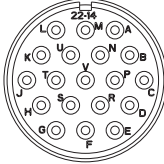
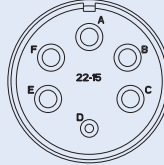
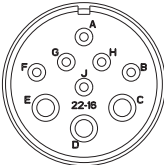
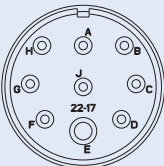
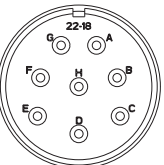
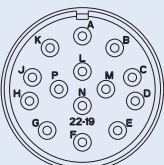
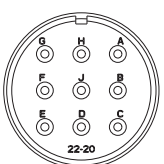
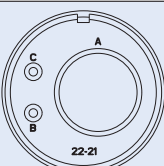
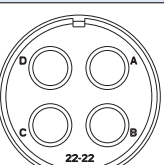
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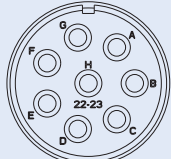
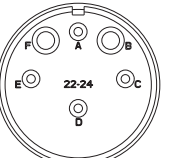
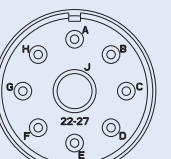
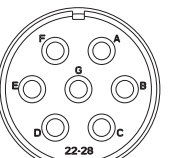
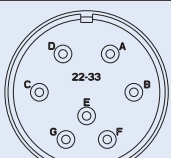
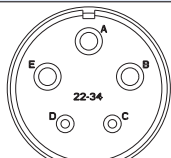
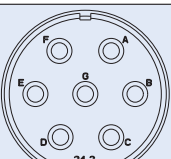
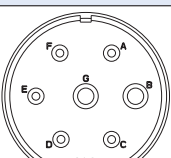
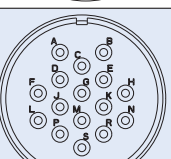
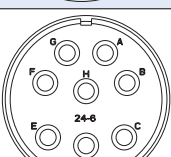
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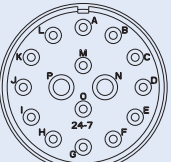
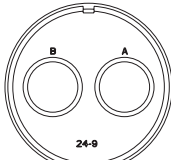
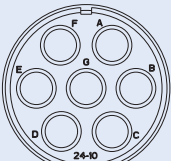
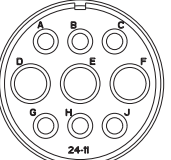
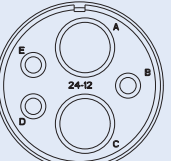
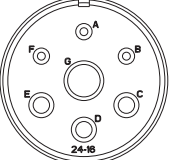
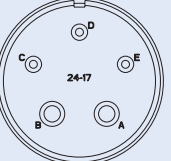
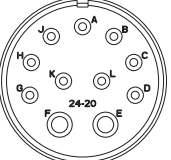
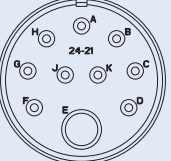
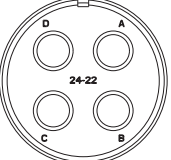


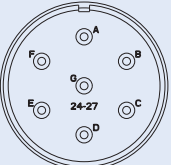
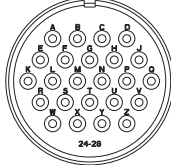
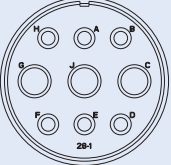
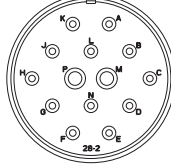
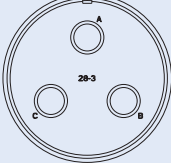
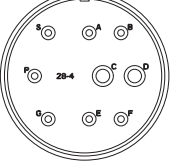
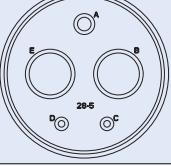
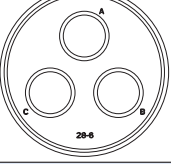
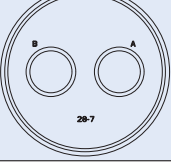
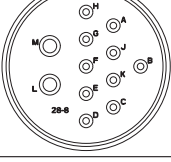
| Ansicht auf die Vorderseite des<br>Stifteinsatzes/<br>Front face of pin insert illustrated/<br>Vue face avant de l'insert mâle | Polbild /<br>Contact<br>arrangement/<br>Arrangement | Kontakte / Contacts /<br>Contacts |                             | Spannungsklasse<br>für Kontakte /<br>Voltage class for<br>contacts / Tension<br>d'utilisation des<br>contacts | Winkelstellung der Kontakteinsätze in Grad /<br>Angular position of the contact inserts<br>in degrees / Polarisation des inserts en degrés |    |     |     |     |
|--------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------|-----------------------------------|-----------------------------|---------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------|----|-----|-----|-----|
|                                                                                                                                |                                                     | Anzahl /<br>Number /<br>Nombre    | Größe /<br>Size /<br>Taille |                                                                                                               | N                                                                                                                                          | W  | X   | Y   | Z   |
|                                               | 20-21                                               | 1                                 | AWG 12                      | A                                                                                                             | 0                                                                                                                                          | 35 | 110 | 250 | 325 |
|                                                                                                                                |                                                     | 8                                 | AWG 16                      |                                                                                                               |                                                                                                                                            |    |     |     |     |
|                                               | 20-22                                               | 3                                 | AWG 8                       | A                                                                                                             | 0                                                                                                                                          | 80 | 110 | 250 | 280 |
|                                                                                                                                |                                                     | 3                                 | AWG 16                      |                                                                                                               |                                                                                                                                            |    |     |     |     |
|                                               | 20-23                                               | 2                                 | AWG 8                       | A                                                                                                             | 0                                                                                                                                          | 35 | 110 | 250 | 325 |
|                                              | 20-24                                               | 2                                 | AWG 8                       | A                                                                                                             | 0                                                                                                                                          | 35 | 110 | 250 | 325 |
|                                                                                                                                |                                                     | 2                                 | AWG 16                      |                                                                                                               |                                                                                                                                            |    |     |     |     |
|                                             | 20-25                                               | 13                                | AWG 16                      | Inst.                                                                                                         | 0                                                                                                                                          | -  | -   | -   | -   |
|                                             | 20-27                                               | 14                                | AWG 16                      | A                                                                                                             | 0                                                                                                                                          | 35 | 110 | 250 | 325 |
|                                             | 20-29                                               | 17                                | AWG 16                      | A                                                                                                             | 0                                                                                                                                          | 80 | -   | -   | 280 |
|                                             | 20-30                                               | 13                                | AWG 16                      | Inst.                                                                                                         | 0                                                                                                                                          | -  | -   | -   | -   |
|                                             | 20-33                                               | 11                                | AWG 16                      | A                                                                                                             | 0                                                                                                                                          | -  | -   | -   | -   |
|                                             | 22-1                                                | 2                                 | AWG 8                       | D                                                                                                             | 0                                                                                                                                          | 35 | 110 | 250 | 325 |

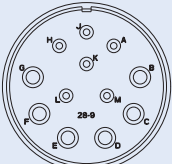
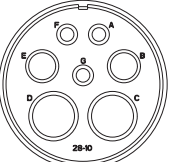
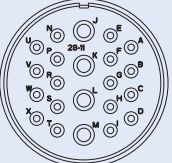
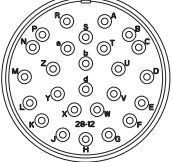
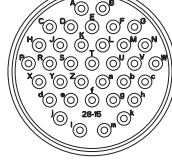
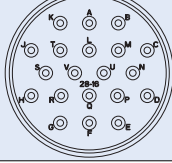
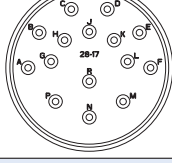
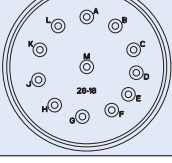
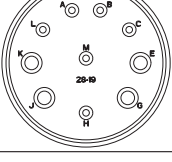
[illegible]

| Ansicht auf die Vorderseite des<br>Stifteinsatzes/<br>Front face of pin insert illustrated/<br>Vue face avant de l'insert mâle | Polbild /<br>Contact<br>arrangement/<br>Arrangement | Kontakte / Contacts /<br>Contacts |                             | Spannungsklasse<br>für Kontakte /<br>Voltage class for<br>contacts / Tension<br>d'utilisation des<br>contacts | Winkelstellung der Kontakteinsätze in Grad /<br>Angular position of the contact inserts<br>in degrees / Polarisation des inserts en degrés |    |     |     |     |
|--------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------|-----------------------------------|-----------------------------|---------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------|----|-----|-----|-----|
|                                                                                                                                |                                                     | Anzahl /<br>Number /<br>Nombre    | Größe /<br>Size /<br>Taille |                                                                                                               | N                                                                                                                                          | W  | X   | Y   | Z   |
|                                               | 22-13                                               | 4                                 | AWG 12                      | E = D                                                                                                         | 0                                                                                                                                          | 35 | 110 | 250 | 325 |
|                                                                                                                                |                                                     | 1                                 | AWG 16                      | A, B, C, D = A                                                                                                |                                                                                                                                            |    |     |     |     |
|                                               | 22-14                                               | 19                                | AWG 16                      | A                                                                                                             | 0                                                                                                                                          | 80 | 110 | 250 | 280 |
|                                               | 22-15                                               | 5                                 | AWG 12                      | D = E                                                                                                         | 0                                                                                                                                          | 80 | 110 | 250 | 280 |
|                                                                                                                                |                                                     | 1                                 | AWG 16                      | A, B, C, E, F = A                                                                                             |                                                                                                                                            |    |     |     |     |
|                                              | 22-16                                               | 3                                 | AWG 12                      | A                                                                                                             | 0                                                                                                                                          | 80 | 110 | 250 | 280 |
|                                                                                                                                |                                                     | 6                                 | AWG 16                      |                                                                                                               |                                                                                                                                            |    |     |     |     |
|                                             | 22-17                                               | 1                                 | AWG 12                      | A = D                                                                                                         | 0                                                                                                                                          | 80 | 110 | 250 | 280 |
|                                                                                                                                |                                                     | 8                                 | AWG 16                      | B, C, D, E, F, G,<br>H, J = A                                                                                 |                                                                                                                                            |    |     |     |     |
|                                             | 22-18                                               | 8                                 | AWG 16                      | A, B, F, G, H = D<br>C, D, E = A                                                                              | 0                                                                                                                                          | 80 | 110 | 250 | 280 |
|                                             | 22-19                                               | 14                                | AWG 16                      | A                                                                                                             | 0                                                                                                                                          | 80 | 110 | 250 | 280 |
|                                             | 22-20                                               | 9                                 | AWG 16                      | A                                                                                                             | 0                                                                                                                                          | 35 | 110 | 250 | 325 |
|                                             | 22-21                                               | 1                                 | AWG 0                       | A                                                                                                             | 0                                                                                                                                          | 80 | 110 | 250 | 280 |
|                                                                                                                                |                                                     | 2                                 | AWG 16                      |                                                                                                               |                                                                                                                                            |    |     |     |     |
|                                             | 22-22                                               | 4                                 | AWG 8                       | A                                                                                                             | 0                                                                                                                                          | -  | 110 | 250 | -   |

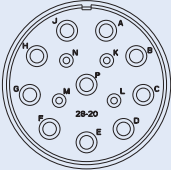
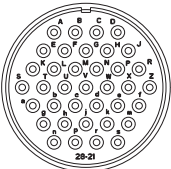
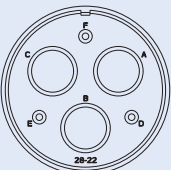
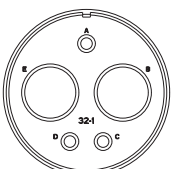
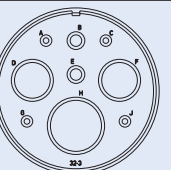
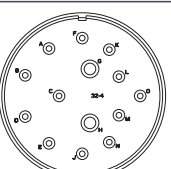
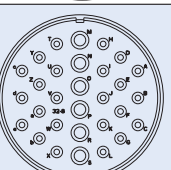
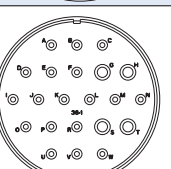
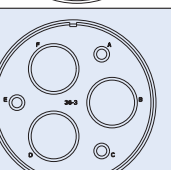
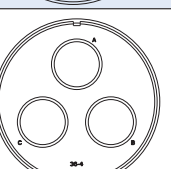
| Ansicht auf die Vorderseite des<br>Stifteinsatzes/<br>Front face of pin insert illustrated/<br>Vue face avant de l'insert mâle | Polbild /<br>Contact<br>arrangement/<br>Arrangement | Kontakte / Contacts /<br>Contacts |                             | Spannungsklasse<br>für Kontakte /<br>Voltage class for<br>contacts / Tension<br>d'utilisation des<br>contacts | Winkelstellung der Kontakteinsätze in Grad /<br>Angular position of the contact inserts<br>in degrees / Polarisation des inserts en degrés |    |     |     |     |
|--------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------|-----------------------------------|-----------------------------|---------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------|----|-----|-----|-----|
|                                                                                                                                |                                                     | Anzahl /<br>Number /<br>Nombre    | Größe /<br>Size /<br>Taille |                                                                                                               | N                                                                                                                                          | W  | X   | Y   | Z   |
|                                               | 22-23                                               | 8                                 | AWG 12                      | H = D<br><br>A,B,C,D,E,F,G = A                                                                                | 0                                                                                                                                          | 35 | -   | 250 | -   |
|                                               | 22-24                                               | 2                                 | AWG 12                      | C,D,E = D                                                                                                     | 0                                                                                                                                          | 80 | 110 | 250 | 280 |
|                                                                                                                                |                                                     | 4                                 | AWG 16                      | A,B,F = A                                                                                                     |                                                                                                                                            |    |     |     |     |
|                                               | 22-27                                               | 1                                 | AWG 8                       | J = D                                                                                                         | 0                                                                                                                                          | 80 | -   | 250 | 280 |
|                                                                                                                                |                                                     | 8                                 | AWG 16                      | A,B,C,D,E,<br>F,G,H = A                                                                                       |                                                                                                                                            |    |     |     |     |
|                                              | 22-28                                               | 7                                 | AWG 12                      | A                                                                                                             | 0                                                                                                                                          | 80 | -   | -   | 280 |
|                                             | 22-33                                               | 7                                 | AWG 16                      | A,B,C,D = D<br><br>E,F,G = A                                                                                  | 0                                                                                                                                          | 80 | 110 | 250 | 280 |
|                                             | 22-34                                               | 3                                 | AWG 12                      | D                                                                                                             | 0                                                                                                                                          | 80 | 110 | 250 | 280 |
|                                                                                                                                |                                                     | 2                                 | AWG 16                      |                                                                                                               |                                                                                                                                            |    |     |     |     |
|                                             | 24-2                                                | 7                                 | AWG 12                      | D                                                                                                             | 0                                                                                                                                          | 80 | -   | -   | 280 |
|                                             | 24-3                                                | 2                                 | AWG 12                      | D                                                                                                             | 0                                                                                                                                          | 80 | 110 | 250 | 280 |
|                                                                                                                                |                                                     | 5                                 | AWG 16                      |                                                                                                               |                                                                                                                                            |    |     |     |     |
|                                             | 24-5                                                | 16                                | AWG 16                      | A                                                                                                             | 0                                                                                                                                          | 80 | 110 | 250 | 280 |
|                                             | 24-6                                                | 8                                 | AWG 12                      | A,G,H = D<br><br>B,C,D,E,F = A                                                                                | 0                                                                                                                                          | 80 | 110 | 250 | 280 |

| Ansicht auf die Vorderseite des<br>Stifteinsatzes/<br>Front face of pin insert illustrated/<br>Vue face avant de l'insert mâle | Polbild /<br>Contact<br>arrangement/<br>Arrangement | Kontakte / Contacts /<br>Contacts |                             | Spannungsklasse<br>für Kontakte /<br>Voltage class for<br>contacts / Tension<br>d'utilisation des<br>contacts | Winkelstellung der Kontakteinsätze in Grad /<br>Angular position of the contact inserts<br>in degrees / Polarisation des inserts en degrés |    |     |     |     |
|--------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------|-----------------------------------|-----------------------------|---------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------|----|-----|-----|-----|
|                                                                                                                                |                                                     | Anzahl /<br>Number /<br>Nombre    | Größe /<br>Size /<br>Taille |                                                                                                               | N                                                                                                                                          | W  | X   | Y   | Z   |
|                                               | 24-7                                                | 2                                 | AWG 12                      | A                                                                                                             | 0                                                                                                                                          | 80 | 110 | 250 | 280 |
|                                                                                                                                |                                                     | 14                                | AWG 16                      |                                                                                                               |                                                                                                                                            |    |     |     |     |
|                                               | 24-9                                                | 2                                 | AWG 4                       | A                                                                                                             | 0                                                                                                                                          | 35 | 110 | 250 | 325 |
|                                               | 24-10                                               | 7                                 | AWG 8                       | A                                                                                                             | 0                                                                                                                                          | 80 | -   | -   | 280 |
|                                              | 24-11                                               | 3                                 | AWG 8                       | A                                                                                                             | 0                                                                                                                                          | 35 | 110 | 250 | 325 |
|                                                                                                                                |                                                     | 6                                 | AWG 12                      |                                                                                                               |                                                                                                                                            |    |     |     |     |
|                                             | 24-12                                               | 2                                 | AWG 4                       | A                                                                                                             | 0                                                                                                                                          | 80 | 110 | 250 | 280 |
|                                                                                                                                |                                                     | 3                                 | AWG 12                      |                                                                                                               |                                                                                                                                            |    |     |     |     |
|                                             | 24-16                                               | 1                                 | AWG 8                       | A, B, F, G = D<br>C, D, E = A                                                                                 | 0                                                                                                                                          | 80 | 110 | 250 | 280 |
|                                                                                                                                |                                                     | 3                                 | AWG 12                      |                                                                                                               |                                                                                                                                            |    |     |     |     |
|                                                                                                                                |                                                     | 3                                 | AWG 16                      |                                                                                                               |                                                                                                                                            |    |     |     |     |
|                                             | 24-17                                               | 2                                 | AWG 12                      | D                                                                                                             | 0                                                                                                                                          | 80 | 110 | 250 | 280 |
|                                                                                                                                |                                                     | 3                                 | AWG 16                      |                                                                                                               |                                                                                                                                            |    |     |     |     |
|                                             | 24-20                                               | 2                                 | AWG 12                      | D                                                                                                             | 0                                                                                                                                          | 80 | 110 | 250 | 280 |
|                                                                                                                                |                                                     | 9                                 | AWG 16                      |                                                                                                               |                                                                                                                                            |    |     |     |     |
|                                             | 24-21                                               | 1                                 | AWG 8                       | D                                                                                                             | 0                                                                                                                                          | 80 | 110 | 250 | 280 |
|                                                                                                                                |                                                     | 9                                 | AWG 16                      |                                                                                                               |                                                                                                                                            |    |     |     |     |
|                                             | 24-22                                               | 4                                 | AWG 8                       | D                                                                                                             | 0                                                                                                                                          | 45 | 110 | 250 | -   |

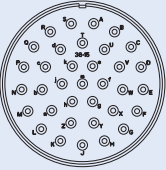
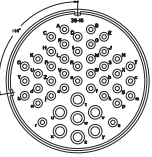
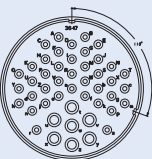
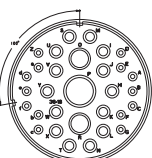
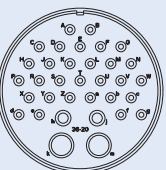
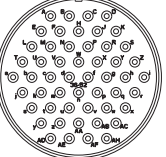
| Ansicht auf die Vorderseite des<br>Stifteinsatzes/<br>Front face of pin insert illustrated/<br>Vue face avant de l'insert mâle | Polbild /<br>Contact<br>arrangement/<br>Arrangement | Kontakte / Contacts /<br>Contacts |                             | Spannungsklasse<br>für Kontakte /<br>Voltage class for<br>contacts / Tension<br>d'utilisation des<br>contacts | Winkelstellung der Kontakteinsätze in Grad /<br>Angular position of the contact inserts<br>in degrees / Polarisation des inserts en degrés |    |     |     |     |
|--------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------|-----------------------------------|-----------------------------|---------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------|----|-----|-----|-----|
|                                                                                                                                |                                                     | Anzahl /<br>Number /<br>Nombre    | Größe /<br>Size /<br>Taille |                                                                                                               | N                                                                                                                                          | W  | X   | Y   | Z   |
|                                               | 24-27                                               | 7                                 | AWG 16                      | E                                                                                                             | 0                                                                                                                                          | 80 | -   | -   | 280 |
|                                               | 24-28                                               | 24                                | AWG 16                      | Inst.                                                                                                         | 0                                                                                                                                          | 80 | 110 | 250 | 280 |
|                                               | 28-1                                                | 3                                 | AWG 8                       | A, J, E = D                                                                                                   | 0                                                                                                                                          | 80 | 110 | 250 | 280 |
|                                                                                                                                |                                                     | 6                                 | AWG 12                      | B, C, D, F, G, H = A                                                                                          |                                                                                                                                            |    |     |     |     |
|                                              | 28-2                                                | 2                                 | AWG 12                      | D                                                                                                             | 0                                                                                                                                          | 35 | 110 | 250 | 325 |
|                                                                                                                                |                                                     | 12                                | AWG 16                      |                                                                                                               |                                                                                                                                            |    |     |     |     |
|                                             | 28-3                                                | 3                                 | AWG 8                       | E                                                                                                             | 0                                                                                                                                          | 70 | 145 | 215 | 290 |
|                                             | 28-4                                                | 2                                 | AWG 12                      | G, S, P = E                                                                                                   | 0                                                                                                                                          | 80 | 110 | 250 | 280 |
|                                                                                                                                |                                                     | 7                                 | AWG 16                      | A, B, C, D, E, F = D                                                                                          |                                                                                                                                            |    |     |     |     |
|                                             | 28-5                                                | 2                                 | AWG 4                       | D                                                                                                             | 0                                                                                                                                          | 35 | 110 | 250 | 325 |
|                                                                                                                                |                                                     | 1                                 | AWG 12                      |                                                                                                               |                                                                                                                                            |    |     |     |     |
|                                                                                                                                |                                                     | 2                                 | AWG 16                      |                                                                                                               |                                                                                                                                            |    |     |     |     |
|                                             | 28-6                                                | 3                                 | AWG 4                       | D                                                                                                             | 0                                                                                                                                          | 70 | 145 | 215 | 290 |
|                                             | 28-7                                                | 2                                 | AWG 4                       | D                                                                                                             | 0                                                                                                                                          | 35 | 110 | 250 | 325 |
|                                             | 28-8                                                | 2                                 | AWG 12                      | L, M = E<br>B = D                                                                                             | 0                                                                                                                                          | 80 | 110 | 250 | 280 |
|                                                                                                                                |                                                     | 10                                | AWG 16                      | A, C, D, E, F,<br>G, H, J, K = A                                                                              |                                                                                                                                            |    |     |     |     |

| Ansicht auf die Vorderseite des<br>Stifteinsatzes/<br>Front face of pin insert illustrated/<br>Vue face avant de l'insert mâle | Polbild /<br>Contact<br>arrangement/<br>Arrangement | Kontakte / Contacts /<br>Contacts |                             | Spannungsklasse<br>für Kontakte /<br>Voltage class for<br>contacts / Tension<br>d'utilisation des<br>contacts | Winkelstellung der Kontakteinsätze in Grad /<br>Angular position of the contact inserts<br>in degrees / Polarisation des inserts en degrés |    |     |     |     |
|--------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------|-----------------------------------|-----------------------------|---------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------|----|-----|-----|-----|
|                                                                                                                                |                                                     | Anzahl /<br>Number /<br>Nombre    | Größe /<br>Size /<br>Taille |                                                                                                               | N                                                                                                                                          | W  | X   | Y   | Z   |
|                                               | 28-9                                                | 6                                 | AWG 12                      | D                                                                                                             | 0                                                                                                                                          | 80 | 110 | 250 | 280 |
|                                                                                                                                |                                                     | 6                                 | AWG 16                      |                                                                                                               |                                                                                                                                            |    |     |     |     |
|                                               | 28-10                                               | 2                                 | AWG 4                       | G = D<br>A,B,C,D,E,F = A                                                                                      | 0                                                                                                                                          | 80 | 110 | 250 | 280 |
|                                                                                                                                |                                                     | 2                                 | AWG 8                       |                                                                                                               |                                                                                                                                            |    |     |     |     |
|                                                                                                                                |                                                     | 3                                 | AWG 12                      |                                                                                                               |                                                                                                                                            |    |     |     |     |
|                                               | 28-11                                               | 4                                 | AWG 12                      | A                                                                                                             | 0                                                                                                                                          | 80 | 110 | 250 | 280 |
|                                                                                                                                |                                                     | 18                                | AWG 16                      |                                                                                                               |                                                                                                                                            |    |     |     |     |
|                                              | 28-12                                               | 26                                | AWG 16                      | A                                                                                                             | 0                                                                                                                                          | 90 | 180 | 270 | -   |
|  100° Verdrehung<br>zu 28-12                | 28-13                                               | 26                                | AWG 16                      | A                                                                                                             | 0                                                                                                                                          | -  | -   | -   | -   |
|                                             | 28-15                                               | 35                                | AWG 16                      | A                                                                                                             | 0                                                                                                                                          | 80 | 110 | 250 | 280 |
|                                             | 28-16                                               | 20                                | AWG 16                      | A                                                                                                             | 0                                                                                                                                          | 80 | 110 | 250 | 280 |
|                                             | 28-17                                               | 15                                | AWG 16                      | R = B<br>M,N,P = D<br>A - L = A                                                                               | 0                                                                                                                                          | 80 | 110 | 250 | 280 |
|                                             | 28-18                                               | 12                                | AWG 16                      | M = C<br>G,H,J,K,L = D<br>A, B = A<br>C,D,E,F = Inst.                                                         | 0                                                                                                                                          | 70 | 145 | 215 | 290 |
|                                             | 28-19                                               | 4                                 | AWG 12                      | H,M = B<br>A, B = D                                                                                           | 0                                                                                                                                          | 80 | 110 | 250 | 280 |
|                                                                                                                                |                                                     | 6                                 | AWG 16                      | C,E,G,J,K,L = A                                                                                               |                                                                                                                                            |    |     |     |     |



| Ansicht auf die Vorderseite des<br>Stifteinsatzes/<br>Front face of pin insert illustrated/<br>Vue face avant de l'insert mâle | Polbild /<br>Contact<br>arrangement/<br>Arrangement | Kontakte / Contacts /<br>Contacts |                             | Spannungsklasse<br>für Kontakte /<br>Voltage class for<br>contacts / Tension<br>d'utilisation des<br>contacts | Winkelstellung der Kontakteinsätze in Grad /<br>Angular position of the contact inserts<br>in degrees / Polarisation des inserts en degrés |    |     |     |     |
|--------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------|-----------------------------------|-----------------------------|---------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------|----|-----|-----|-----|
|                                                                                                                                |                                                     | Anzahl /<br>Number /<br>Nombre    | Größe /<br>Size /<br>Taille |                                                                                                               | N                                                                                                                                          | W  | X   | Y   | Z   |
|                                               | 28-20                                               | 10                                | AWG 12                      | A                                                                                                             | 0                                                                                                                                          | 80 | 110 | 250 | 280 |
|                                                                                                                                |                                                     | 4                                 | AWG 16                      |                                                                                                               |                                                                                                                                            |    |     |     |     |
|                                               | 28-21                                               | 37                                | AWG 16                      | A                                                                                                             | 0                                                                                                                                          | 80 | 110 | 250 | 280 |
|                                               | 28-22                                               | 3                                 | AWG 4                       | D                                                                                                             | 0                                                                                                                                          | 70 | 145 | 215 | 290 |
|                                                                                                                                |                                                     | 3                                 | AWG 16                      |                                                                                                               |                                                                                                                                            |    |     |     |     |
|                                              | 32-1                                                | 2                                 | AWG 0                       | A = E<br>B,C,D,E = D                                                                                          | 0                                                                                                                                          | 80 | 110 | 250 | 280 |
|                                                                                                                                |                                                     | 3                                 | AWG 12                      |                                                                                                               |                                                                                                                                            |    |     |     |     |
|                                             | 32-3                                                | 1                                 | AWG 0                       | D                                                                                                             | 0                                                                                                                                          | 80 | 110 | 250 | 280 |
|                                                                                                                                |                                                     | 2                                 | AWG 4                       |                                                                                                               |                                                                                                                                            |    |     |     |     |
|                                                                                                                                |                                                     | 2                                 | AWG 12                      |                                                                                                               |                                                                                                                                            |    |     |     |     |
|                                                                                                                                |                                                     | 4                                 | AWG 16                      |                                                                                                               |                                                                                                                                            |    |     |     |     |
|                                             | 32-4                                                | 2                                 | AWG 12                      | F,J,K,N = A<br>Bal. = D                                                                                       | 0                                                                                                                                          | 80 | 110 | 250 | 280 |
|                                                                                                                                |                                                     | 12                                | AWG 16                      |                                                                                                               |                                                                                                                                            |    |     |     |     |
|                                             | 32-8                                                | 6                                 | AWG 12                      | A                                                                                                             | 0                                                                                                                                          | 80 | 125 | 235 | 280 |
|                                                                                                                                |                                                     | 24                                | AWG 16                      |                                                                                                               |                                                                                                                                            |    |     |     |     |
|                                             | 36-1                                                | 4                                 | AWG 12                      | D                                                                                                             | 0                                                                                                                                          | 80 | 110 | 250 | 280 |
|                                                                                                                                |                                                     | 18                                | AWG 16                      |                                                                                                               |                                                                                                                                            |    |     |     |     |
|                                             | 36-3                                                | 3                                 | AWG 0                       | D                                                                                                             | 0                                                                                                                                          | 70 | 145 | 215 | 290 |
|                                                                                                                                |                                                     | 3                                 | AWG 12                      |                                                                                                               |                                                                                                                                            |    |     |     |     |
|                                             | 36-4                                                | 3                                 | AWG 0                       | A = D<br>B,C = A                                                                                              | 0                                                                                                                                          | 70 | 145 | 215 | 290 |

[illegible]

| Ansicht auf die Vorderseite des<br>Stifteinsatzes /<br>Front face of pin insert illustrated /<br>Vue face avant de l'insert mâle | Polbild /<br>Contact<br>arrangement /<br>Arrangement | Kontakte / Contacts /<br>Contacts |                             | Spannungsklasse<br>für Kontakte /<br>Voltage class for<br>contacts / Tension<br>d'utilisation des<br>contacts | Winkelstellung der Kontakteinsätze in Grad /<br>Angular position of the contact inserts<br>in degrees / Polarisation des inserts en degrés |    |     |     |     |
|----------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------|-----------------------------------|-----------------------------|---------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------|----|-----|-----|-----|
|                                                                                                                                  |                                                      | Anzahl /<br>Number /<br>Nombre    | Größe /<br>Size /<br>Taille |                                                                                                               | N                                                                                                                                          | W  | X   | Y   | Z   |
|                                                 | 36-15                                                | 35                                | AWG 16                      | M = D<br><br>Bal. = A                                                                                         | 0                                                                                                                                          | 60 | 125 | 245 | 305 |
|                                                 | 36-16                                                | 7                                 | AWG 12                      | A                                                                                                             | 0                                                                                                                                          | -  | -   | -   | -   |
|                                                                                                                                  |                                                      | 40                                | AWG 16                      |                                                                                                               |                                                                                                                                            |    |     |     |     |
|                                                 | 36-17                                                | 7                                 | AWG 12                      | A                                                                                                             | 0                                                                                                                                          | -  | -   | -   | -   |
|                                                                                                                                  |                                                      | 40                                | AWG 16                      |                                                                                                               |                                                                                                                                            |    |     |     |     |
|                                                | 36-18                                                | 1                                 | AWG 4                       | A                                                                                                             | 0                                                                                                                                          | -  | -   | -   | -   |
|                                                                                                                                  |                                                      | 2                                 | AWG 8                       |                                                                                                               |                                                                                                                                            |    |     |     |     |
|                                                                                                                                  |                                                      | 14                                | AWG 12                      |                                                                                                               |                                                                                                                                            |    |     |     |     |
|                                                                                                                                  |                                                      | 14                                | AWG 16                      |                                                                                                               |                                                                                                                                            |    |     |     |     |
|                                               | 36-20                                                | 2                                 | AWG 8                       | A                                                                                                             | 0                                                                                                                                          | -  | -   | -   | -   |
|                                                                                                                                  |                                                      | 2                                 | AWG 12                      |                                                                                                               |                                                                                                                                            |    |     |     |     |
|                                                                                                                                  |                                                      | 30                                | AWG 16                      |                                                                                                               |                                                                                                                                            |    |     |     |     |
|                                               | 36-52                                                | 52                                | AWG 16                      | A                                                                                                             | 0                                                                                                                                          | -  | -   | -   | -   |

## GCA-B – Werkzeuge / Tools / Outillages

| Kontaktgröße /<br>Contact size /<br>Taille de contact | Stiftkontakte / Pin contacts /<br>Contacts mâles          |                                                     | Buchsenkontakte / Socket contacts /<br>Contacts femelles |                                                     |
|-------------------------------------------------------|-----------------------------------------------------------|-----------------------------------------------------|----------------------------------------------------------|-----------------------------------------------------|
|                                                       | Crimpzange /<br>Crimp tool /<br>Pince à sertir            | Crimpeinsatz /<br>Crimp insert /<br>Insert à sertir | Crimpzange /<br>Crimp tool /<br>Pince à sertir           | Crimpeinsatz /<br>Crimp insert /<br>Insert à sertir |
| AWG                                                   |                                                           |                                                     |                                                          |                                                     |
| 16S                                                   | M22520/1-01                                               | TH696                                               | M22520/1-01                                              | TH696                                               |
| 16                                                    | M22520/1-01                                               | TH696                                               | M22520/1-01                                              | TH696                                               |
| 12                                                    | M22520/1-01                                               | TH696                                               | M22520/1-01                                              | TH696                                               |
| 8                                                     | VG95236T02A01 oder / or / ou VG95236T02B01 <sup>(3)</sup> |                                                     |                                                          |                                                     |
| 4                                                     | VG95236T02A02 oder / or / ou VG95236T02B02 <sup>(3)</sup> |                                                     |                                                          |                                                     |
| 0                                                     | VG95236T02A03 oder / or / ou VG95236T02B03 <sup>(3)</sup> |                                                     |                                                          |                                                     |

<sup>(3)</sup> A – Hand-Crimpwerkzeug, hydraulisch / Hand crimping tools, hydraulic / Pince à sertir hydraulique manuelle

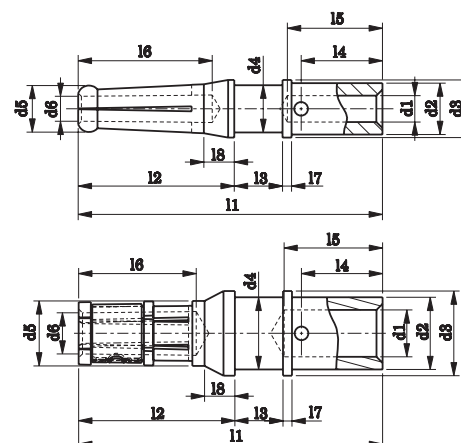
B – Crimpkopf, hydraulisch / Crimping head, hydraulic / Tête à sertir hydraulique

Technical drawing of a mechanical assembly, showing a side view and a cross-section. The drawing includes the following dimensions and labels:

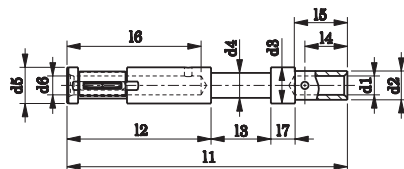
- Dimensions:**
  - 11: Total length of the assembly.
  - 12: Length of the first section.
  - 13: Length of the second section.
  - 14: Length of the third section.
  - 15: Length of the fourth section.
  - 16: Length of the fifth section.
  - 17: Length of the sixth section.
  - 18: Length of the seventh section.
  - 19: Length of the eighth section.
  - 20: Length of the ninth section.
  - 21: Length of the tenth section.
  - 22: Length of the eleventh section.
  - 23: Length of the twelfth section.
  - 24: Length of the thirteenth section.
  - 25: Length of the fourteenth section.
  - 26: Length of the fifteenth section.
  - 27: Length of the sixteenth section.
  - 28: Length of the seventeenth section.
  - 29: Length of the eighteenth section.
  - 30: Length of the nineteenth section.
  - 31: Length of the twentieth section.
  - 32: Length of the twenty-first section.
  - 33: Length of the twenty-second section.
  - 34: Length of the twenty-third section.
  - 35: Length of the twenty-fourth section.
  - 36: Length of the twenty-fifth section.
  - 37: Length of the twenty-sixth section.
  - 38: Length of the twenty-seventh section.
  - 39: Length of the twenty-eighth section.
  - 40: Length of the twenty-ninth section.
  - 41: Length of the thirtieth section.
  - 42: Length of the thirty-first section.
  - 43: Length of the thirty-second section.
  - 44: Length of the thirty-third section.
  - 45: Length of the thirty-fourth section.
  - 46: Length of the thirty-fifth section.
  - 47: Length of the thirty-sixth section.
  - 48: Length of the thirty-seventh section.
  - 49: Length of the thirty-eighth section.
  - 50: Length of the thirty-ninth section.
  - 51: Length of the fortieth section.
  - 52: Length of the forty-first section.
  - 53: Length of the forty-second section.
  - 54: Length of the forty-third section.
  - 55: Length of the forty-fourth section.
  - 56: Length of the forty-fifth section.
  - 57: Length of the forty-sixth section.
  - 58: Length of the forty-seventh section.
  - 59: Length of the forty-eighth section.
  - 60: Length of the forty-ninth section.
  - 61: Length of the fiftieth section.
  - 62: Length of the fifty-first section.
  - 63: Length of the fifty-second section.
  - 64: Length of the fifty-third section.
  - 65: Length of the fifty-fourth section.
  - 66: Length of the fifty-fifth section.
  - 67: Length of the fifty-sixth section.
  - 68: Length of the fifty-seventh section.
  - 69: Length of the fifty-eighth section.
  - 70: Length of the fifty-ninth section.
  - 71: Length of the sixtieth section.
  - 72: Length of the sixty-first section.
  - 73: Length of the sixty-second section.
  - 74: Length of the sixty-third section.
  - 75: Length of the sixty-fourth section.
  - 76: Length of the sixty-fifth section.
  - 77: Length of the sixty-sixth section.
  - 78: Length of the sixty-seventh section.
  - 79: Length of the sixty-eighth section.
  - 80: Length of the sixty-ninth section.
  - 81: Length of the seventieth section.
  - 82: Length of the seventy-first section.
  - 83: Length of the seventy-second section.
  - 84: Length of the seventy-third section.
  - 85: Length of the seventy-fourth section.
  - 86: Length of the seventy-fifth section.
  - 87: Length of the seventy-sixth section.
  - 88: Length of the seventy-seventh section.
  - 89: Length of the seventy-eighth section.
  - 90: Length of the seventy-ninth section.
  - 91: Length of the eightieth section.
  - 92: Length of the eighty-first section.
  - 93: Length of the eighty-second section.
  - 94: Length of the eighty-third section.
  - 95: Length of the eighty-fourth section.
  - 96: Length of the eighty-fifth section.
  - 97: Length of the eighty-sixth section.
  - 98: Length of the eighty-seventh section.
  - 99: Length of the eighty-eighth section.
  - 100: Length of the eighty-ninth section.
  - 101: Length of the ninetieth section.
  - 102: Length of the hundredth section.
- Labels:**
  - $d_1$ ,  $d_2$ ,  $d_3$ ,  $d_4$ ,  $d_5$ ,  $d_6$ ,  $d_7$ ,  $d_8$ ,  $d_9$ ,  $d_{10}$ ,  $d_{11}$ ,  $d_{12}$ ,  $d_{13}$ ,  $d_{14}$ ,  $d_{15}$ ,  $d_{16}$ ,  $d_{17}$ ,  $d_{18}$ ,  $d_{19}$ ,  $d_{20}$ ,  $d_{21}$ ,  $d_{22}$ ,  $d_{23}$ ,  $d_{24}$ ,  $d_{25}$ ,  $d_{26}$ ,  $d_{27}$ ,  $d_{28}$ ,  $d_{29}$ ,  $d_{30}$ ,  $d_{31}$ ,  $d_{32}$ ,  $d_{33}$ ,  $d_{34}$ ,  $d_{35}$ ,  $d_{36}$ ,  $d_{37}$ ,  $d_{38}$ ,  $d_{39}$ ,  $d_{40}$ ,  $d_{41}$ ,  $d_{42}$ ,  $d_{43}$ ,  $d_{44}$ ,  $d_{45}$ ,  $d_{46}$ ,  $d_{47}$ ,  $d_{48}$ ,  $d_{49}$ ,  $d_{50}$ ,  $d_{51}$ ,  $d_{52}$ ,  $d_{53}$ ,  $d_{54}$ ,  $d_{55}$ ,  $d_{56}$ ,  $d_{57}$ ,  $d_{58}$ ,  $d_{59}$ ,  $d_{60}$ ,  $d_{61}$ ,  $d_{62}$ ,  $d_{63}$ ,  $d_{64}$ ,  $d_{65}$ ,  $d_{66}$ ,  $d_{67}$ ,  $d_{68}$ ,  $d_{69}$ ,  $d_{70}$ ,  $d_{71}$ ,  $d_{72}$ ,  $d_{73}$ ,  $d_{74}$ ,  $d_{75}$ ,  $d_{76}$ ,  $d_{77}$ ,  $d_{78}$ ,  $d_{79}$ ,  $d_{80}$ ,  $d_{81}$ ,  $d_{82}$ ,  $d_{83}$ ,  $d_{84}$ ,  $d_{85}$ ,  $d_{86}$ ,  $d_{87}$ ,  $d_{88}$ ,  $d_{89}$ ,  $d_{90}$ ,  $d_{91}$ ,  $d_{92}$ ,  $d_{93}$ ,  $d_{94}$ ,  $d_{95}$ ,  $d_{96}$ ,  $d_{97}$ ,  $d_{98}$ ,  $d_{99}$ ,  $d_{100}$ .

| Kontaktgröße /<br>Contact size /<br>Taille de<br>contact | Teile-Nummer<br>Part-Number<br>Référence   |                                      | Anschließbarer Leiter /<br>Applicable wire /<br>Section admissible |                 | d <sub>8</sub> | l <sub>1</sub> | l <sub>2</sub> | l <sub>3</sub> | l <sub>4</sub> | l <sub>5</sub> | l <sub>6</sub> | l <sub>7</sub> |
|----------------------------------------------------------|--------------------------------------------|--------------------------------------|--------------------------------------------------------------------|-----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|
| AWG                                                      | versilbert /<br>silver plated /<br>argenté | vergoldet /<br>gold plated /<br>doré | AWG                                                                | mm <sup>2</sup> | ±0,1           | ±0,15          | ±0,10          | ±0,1           | min.           | min.           | +0,10          | ±0,05          |
| 16S                                                      | GCA16SM                                    | GCA16SM-A176                         | 18-16                                                              | 0,75-1,50       | 0,8            | 26,43          | 15,93          | 3,95           | 5,4            | 6,60           | 3,12           | 0,80           |
|                                                          | GCA16SM-001                                | GCA16SM-001-A176                     | 26-22                                                              | 0,14-0,38       |                |                |                |                |                |                |                |                |
|                                                          | GCA16SM-002                                | GCA16SM-002-A176                     | 22-20                                                              | 0,30-0,60       |                |                |                |                |                |                |                |                |
| 16                                                       | GCA16M                                     | GCA16M-A176                          | 18-16                                                              | 0,75-1,50       | 0,8            | 30,43          | 15,93          | 5,95           | 5,4            | 6,60           | 3,12           | 0,80           |
|                                                          | GCA16M-001                                 | GCA16M-001-A176                      | 26-22                                                              | 0,14-0,38       |                |                |                |                |                |                |                |                |
|                                                          | GCA16M-002                                 | GCA16M-002-A176                      | 22-20                                                              | 0,30-0,60       |                |                |                |                |                |                |                |                |
| 12                                                       | GCA12M                                     | GCA12M-A176                          | 14-12                                                              | 2,00-3,00       | 0,9            | 36,60          | 19,73          | 6,22           | 5,5            | 6,35           | 3,45           | 0,80           |
|                                                          | GCA12M-001                                 | GCA12M-001-A176                      | 18-16                                                              | 0,75-1,50       |                |                |                |                |                |                |                |                |
| 8                                                        | GCA8M                                      | GCA8M-A176                           | 8                                                                  | -               | 0,9            | 36,60          | 19,73          | 6,22           | 11,0           | 12,70          | 3,45           | 1,50           |
|                                                          | GCA8M-001                                  | GCA8M-001-A176                       | 10                                                                 | 6,0             |                |                |                |                |                |                |                |                |
|                                                          | GCA8M-002                                  | GCA8M-002-A176                       | -                                                                  | 10              |                |                |                |                |                |                |                |                |
|                                                          | GCA8M-003                                  | GCA8M-003-A176                       | 14-12                                                              | 2,00-3,00       |                |                |                |                |                |                |                |                |
| 4                                                        | GCA4M                                      | GCA4M-A176                           | 4                                                                  | -               | 0,8            | 34,90          | 20,85          | 6,22           | 11,0           | 15,00          | 5,75           | 1,50           |
|                                                          | GCA4M-001                                  | GCA4M-001-A176                       | -                                                                  | 16              |                |                |                |                |                |                |                |                |
|                                                          | GCA4M-002                                  | GCA4M-002-A176                       | 6                                                                  | -               |                |                |                |                |                |                |                |                |
| 0                                                        | GCA0M                                      | GCA0M-A176                           | 0                                                                  | -               | 1,8            | 44,45          | 24,20          | 5,70           | 12,3           | 15,90          | 6,75           | 0,80           |
|                                                          | GCA0M-001                                  | GCA0M-001-A176                       | -                                                                  | 50              |                |                |                |                |                |                |                |                |
|                                                          | GCA0M-002                                  | GCA0M-002-A176                       | 4                                                                  | 25              |                |                |                |                |                |                |                |                |
|                                                          | GCA0M-003                                  | GCA0M-003-A176                       | 2                                                                  | 35              |                |                |                |                |                |                |                |                |

Größe / Size / Taille –  
8



Größe / Size / Taille –  
4; 0



| Kontaktgröße /<br>Contact size /<br>Taille de contact | Teile-Nummer<br>Part-Number<br>Référence   |                                      | Anschließbarer Leiter /<br>Applicable wire /<br>Section admissible |                 | d <sub>1</sub> | d <sub>2</sub> | d <sub>3</sub> | d <sub>4</sub> | d <sub>5</sub> | d <sub>6</sub><br>±0,05 | l <sub>1</sub><br>±0,2 |
|-------------------------------------------------------|--------------------------------------------|--------------------------------------|--------------------------------------------------------------------|-----------------|----------------|----------------|----------------|----------------|----------------|-------------------------|------------------------|
| AWG                                                   | versilbert /<br>silver plated /<br>argenté | vergoldet /<br>gold plated /<br>doré | AWG                                                                | mm <sup>2</sup> |                |                |                |                |                |                         |                        |
| 16S                                                   | GCA16SF                                    | GCA16SF-A176                         | 18-16                                                              | 0,75-1,50       | 1,72 ±0,03     | 2,65 -0,05     | 3,18 ±0,03     | 2,08 ±0,03     | 3,18 ±0,03     | 1,73                    | 29,1                   |
|                                                       | GCA16SF-001                                | GCA16SF-001-A176                     | 26-22                                                              | 0,14-0,38       | 0,90 +0,05     |                |                |                |                |                         |                        |
|                                                       | GCA16SF-002                                | GCA16SF-002-A176                     | 22-20                                                              | 0,30-0,60       | 1,20 +0,10     |                |                |                |                |                         |                        |
| 16                                                    | GCA16F                                     | GCA16F-A176                          | 18-16                                                              | 0,75-1,50       | 1,72 ±0,03     | 2,65 -0,05     | 3,18 ±0,03     | 2,08 ±0,03     | 3,18 ±0,03     | 1,73                    | 34,1                   |
|                                                       | GCA16F-001                                 | GCA16F-001-A176                      | 26-22                                                              | 0,14-0,38       | 0,90 +0,05     |                |                |                |                |                         |                        |
|                                                       | GCA16F-002                                 | GCA16F-002-A176                      | 22-20                                                              | 0,30-0,60       | 1,20 +0,10     |                |                |                |                |                         |                        |
| 12                                                    | GCA12F                                     | GCA12F-A176                          | 14-12                                                              | 2,00-3,00       | 2,50 +0,10     | 3,40±0,08      | 4,78 ±0,08     | 3,10 ±0,03     | 4,32 ±0,05     | 2,51                    | 36,9                   |
|                                                       | GCA12F-001                                 | GCA12F-001-A176                      | 18-16                                                              | 0,75-1,50       | 1,75 +0,08     |                |                |                |                |                         |                        |
| 8                                                     | GCA8F                                      | GCA8F-A176                           | 8                                                                  | -               | 5,20 +0,10     | 6,40 ±0,10     | 7,95 ±0,05     | 6,10 ±0,05     | 7,95 ±0,05     | 3,75                    | 36,9                   |
|                                                       | GCA8F-001                                  | GCA8F-001-A176                       | 10                                                                 | 6,0             | 3,50 +0,10     |                |                |                |                |                         |                        |
|                                                       | GCA8F-002                                  | GCA8F-002-A176                       | -                                                                  | 10              | 4,80 +0,10     |                |                |                |                |                         |                        |
|                                                       | GCA8F-003                                  | GCA8F-003-A176                       | 14-12                                                              | 2,00-3,00       | 2,50 +0,10     |                |                |                |                |                         |                        |
| 4                                                     | GCA4F                                      | GCA4F-A176                           | 4                                                                  | -               | 7,10 +0,15     | 9,50 -0,10     | 11,15 ±0,05    | 9,65 ±0,05     | 8,80 ±0,05     | 5,40                    | 39,75                  |
|                                                       | GCA4F-001                                  | GCA4F-001-A176                       | -                                                                  | 16              | 6,20 +0,15     |                |                |                |                |                         |                        |
|                                                       | GCA4F-002                                  | GCA4F-002-A176                       | 6                                                                  | -               | 5,70 +0,10     |                |                |                |                |                         |                        |
| 0                                                     | GCA0F                                      | GCA0F-A176                           | 0                                                                  | -               | 11,50 +0,15    | 14,35 -0,10    | 15,00 ±0,08    | 13,49 ±0,08    | 15,00 +0,08    | 9,20                    | 44,45                  |
|                                                       | GCA0F-001                                  | GCA0F-001-A176                       | -                                                                  | 50              | 10,70 +0,15    |                |                |                |                |                         |                        |
|                                                       | GCA0F-002                                  | GCA0F-002-A176                       | 4                                                                  | 25              | 7,60 +0,15     |                |                |                |                |                         |                        |
|                                                       | GCA0F-003                                  | GCA0F-003-A176                       | 2                                                                  | 35              | 9,10 +0,15     |                |                |                |                |                         |                        |

| Kontaktgröße /<br>Contact size /<br>Taille de contact | Teile-Nummer<br>Part-Number<br>Référence   |                                      | Anschließbarer Leiter /<br>Applicable wire /<br>Section admissible |                 | l <sub>2</sub><br>±0,1 | l <sub>3</sub><br>±0,1 | l <sub>4</sub><br>±0,1 | l <sub>5</sub><br>min. | l <sub>6</sub><br>min. | l <sub>7</sub><br>±0,1 | l <sub>8</sub><br>±0,1 |
|-------------------------------------------------------|--------------------------------------------|--------------------------------------|--------------------------------------------------------------------|-----------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|
| AWG                                                   | versilbert /<br>silver plated /<br>argenté | vergoldet /<br>gold plated /<br>doré | AWG                                                                | mm <sup>2</sup> |                        |                        |                        |                        |                        |                        |                        |
| 16S                                                   | GCA16SF                                    | GCA16SF-A176                         | 18-16                                                              | 0,75-1,50       | 15,10                  | 3,90                   | 5,50                   | 6,60                   | 10,0                   | 3,30                   | -                      |
|                                                       | GCA16SF-001                                | GCA16SF-001-A176                     | 26-22                                                              | 0,14-0,38       |                        |                        |                        |                        |                        |                        |                        |
|                                                       | GCA16SF-002                                | GCA16SF-002-A176                     | 22-20                                                              | 0,30-0,60       |                        |                        |                        |                        |                        |                        |                        |
| 16                                                    | GCA16F                                     | GCA16F-A176                          | 18-16                                                              | 0,75-1,50       | 22,40                  | 3,18                   | 5,50                   | 6,60                   | 16,1                   | 0,80                   | -                      |
|                                                       | GCA16F-001                                 | GCA16F-001-A176                      | 26-22                                                              | 0,14-0,38       |                        |                        |                        |                        |                        |                        |                        |
|                                                       | GCA16F-002                                 | GCA16F-002-A176                      | 22-20                                                              | 0,30-0,60       |                        |                        |                        |                        |                        |                        |                        |
| 12                                                    | GCA12F                                     | GCA12F-A176                          | 14-12                                                              | 2,00-3,00       | 20,04                  | 6,22                   | 5,55                   | 6,35                   | 17,6                   | 0,80                   | -                      |
|                                                       | GCA12F-001                                 | GCA12F-001-A176                      | 18-16                                                              | 0,75-1,50       |                        |                        |                        |                        |                        |                        |                        |
| 8                                                     | GCA8F                                      | GCA8F-A176                           | 8                                                                  | -               | 20,04                  | 6,22                   | 11,0                   | 12,70                  | 17,6                   | 1,50                   | 4,50                   |
|                                                       | GCA8F-001                                  | GCA8F-001-A176                       | 10                                                                 | 6,0             |                        |                        |                        |                        |                        |                        |                        |
|                                                       | GCA8F-002                                  | GCA8F-002-A176                       | -                                                                  | 10              |                        |                        |                        |                        |                        |                        |                        |
|                                                       | GCA8F-003                                  | GCA8F-003-A176                       | 14-12                                                              | 2,00-3,00       |                        |                        |                        |                        |                        |                        |                        |
| 4                                                     | GCA4F                                      | GCA4F-A176                           | 4                                                                  | -               | 20,50                  | 5,70                   | 11,0                   | 15,00                  | 15,0                   | 0,85                   | 5,60                   |
|                                                       | GCA4F-001                                  | GCA4F-001-A176                       | -                                                                  | 16              |                        |                        |                        |                        |                        |                        |                        |
|                                                       | GCA4F-002                                  | GCA4F-002-A176                       | 6                                                                  | -               |                        |                        |                        |                        |                        |                        |                        |
| 0                                                     | GCA0F                                      | GCA0F-A176                           | 0                                                                  | -               | 24,20                  | 5,70                   | 12,3                   | 15,90                  | 21,2                   | 0,80                   | 2,40                   |
|                                                       | GCA0F-001                                  | GCA0F-001-A176                       | -                                                                  | 50              |                        |                        |                        |                        |                        |                        |                        |
|                                                       | GCA0F-002                                  | GCA0F-002-A176                       | 4                                                                  | 25              |                        |                        |                        |                        |                        |                        |                        |
|                                                       | GCA0F-003                                  | GCA0F-003-A176                       | 2                                                                  | 35              |                        |                        |                        |                        |                        |                        |                        |

# Amphenol

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