

# Sleeve housing - VC-K-T1-R - 1855092

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Sleeve housings, Sleeve housing, type: VC1, housing material: Polyamide, color: gray. When using fiber optics, the bending radii of the cable manufacturers must be observed.

## Your advantages

- Seals with two cable entries are available
- Angled cable outlet so the cable can be routed as desired, from the side and straight



## Key Commercial Data

|              |               |
|--------------|---------------|
| Packing unit | 5 pc          |
| GTIN         |               |
| GTIN         | 4017918159290 |

## Technical data

### Dimensions

|        |       |
|--------|-------|
| Height | 65 mm |
|--------|-------|

### Ambient conditions

|                                 |                  |
|---------------------------------|------------------|
| Degree of protection            | IP67             |
| Ambient temperature (operation) | -40 °C ... 80 °C |

### General

|  |   |
|--|---|
| Note                                   | When using fiber optics, the bending radii of the cable manufacturers must be observed. |
| Type                                   | VC1   |
| Degree of protection                   | IP67  |
| Flammability rating according to UL 94 | V0  |
| Locking type                           | Screw locking, knurled head   |
| Fixing screws                          | M4  |
| Tightening torque, mounting screw      | 1.5 Nm ±0.3 Nm  |
| Type of the screw connection           | Pg16  |

# Sleeve housing - VC-K-T1-R - 1855092

## Technical data

### General

|                                 |                  |
|---------------------------------|------------------|
| Cable outlet                    | Angled           |
| Housing material                | Polyamide        |
| Seal material                   | EPDM             |
| Ambient temperature (operation) | -40 °C ... 80 °C |

### Standards and Regulations

|  |  |
|--|--|
| Flammability rating according to UL 94 | V0   |
| Safety note                            | WARNING: The connectors may not be plugged in or disconnected under load. Ignoring the warning or improper use may damage persons and/or property.   |
|  | <ul style="list-style-type: none"> <li>• WARNING: Commission properly functioning products only. The products must be regularly inspected for damage. Decommission defective products immediately. Replace damaged products. Repairs are not possible.</li> </ul>  |
|  | <ul style="list-style-type: none"> <li>• WARNING: Only electrically qualified personnel may install and operate the product. They must observe the following safety notes. The qualified personnel must be familiar with the basics of electrical engineering. They must be able to recognize and prevent danger. The relevant symbol on the packaging indicates that only personnel familiar with electrical engineering are allowed to install and operate the product.</li> </ul> |
|  | <ul style="list-style-type: none"> <li>• The products are suitable for applications in plant, controller, and electrical device engineering.</li> </ul>  |
|  | <ul style="list-style-type: none"> <li>• When operating the connectors in outdoor applications, they must be separately protected against environmental influences.</li> </ul>   |
|  | <ul style="list-style-type: none"> <li>• Assembled products may not be manipulated or improperly opened.</li> </ul>  |
|  | <ul style="list-style-type: none"> <li>• Only use mating connectors that are specified in the technical data of the standards listed (e.g. the ones listed in the product accessories online at phoenixcontact.com/products).</li> </ul>   |
|  | <ul style="list-style-type: none"> <li>• When using the product in direct connection with third-party manufacturers, the user is responsible.</li> </ul>   |
|  | <ul style="list-style-type: none"> <li>• For operating voltages &gt; 50 V AC, conductive connector housings must be grounded</li> </ul>  |
|  | <ul style="list-style-type: none"> <li>• Ensure that the protective or functional ground has been properly connected.</li> </ul>   |
|  | <ul style="list-style-type: none"> <li>• VDE 0100/1.97 § 411.1.3.2 and DIN EN 60 204/11.98 § 14.1.3 are applicable when combining several circuits in a cable and/or connector</li> </ul>  |
|  | <ul style="list-style-type: none"> <li>• Observe the corresponding technical data. You will find information:                             <ul style="list-style-type: none"> <li>o On the product</li> <li>o On the packing label</li> <li>o In the supplied documentation</li> <li>o Online at phoenixcontact.com/products under the product</li> </ul> </li> </ul>   |
|  | <ul style="list-style-type: none"> <li>• Only use tools recommended by Phoenix Contact</li> </ul>  |
|  | <ul style="list-style-type: none"> <li>• The installation notes/Design In documents online on the download page at phoenixcontact.com/products must be observed for this product.</li> </ul>   |
|  | <ul style="list-style-type: none"> <li>• Use a protective cap to protect connectors that are not in use. The suitable accessories are available online in the accessory section of the product at phoenixcontact.com/products</li> </ul>   |
|  | <ul style="list-style-type: none"> <li>• Operate the connector only when it is fully plugged in.</li> </ul>  |
|  | <ul style="list-style-type: none"> <li>• Ensure that when laying the cable, the tensile load on the connectors does not exceed the upper limit specified in the standards.</li> </ul>  |

## Sleeve housing - VC-K-T1-R - 1855092

### Technical data

#### Standards and Regulations

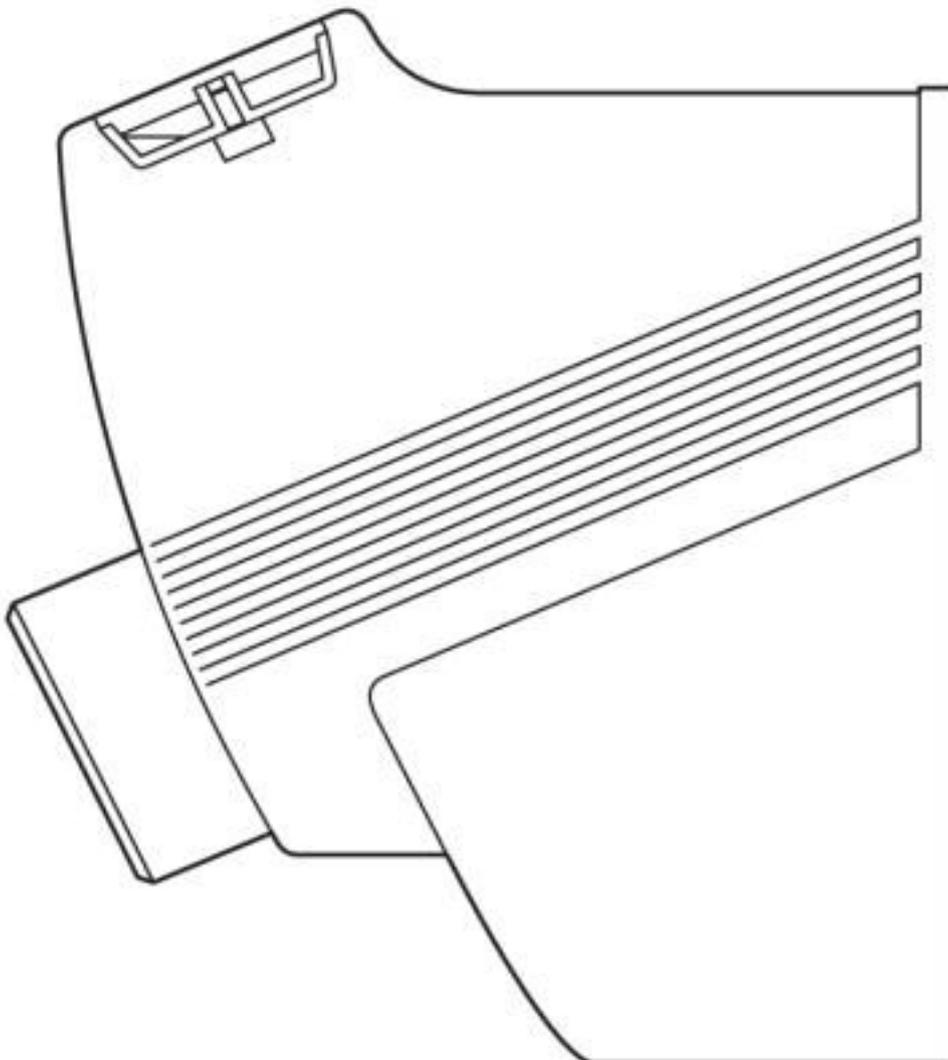
|  |   |
|--|---|
|  | <ul style="list-style-type: none"><li>• Observe the minimum bending radius of the cable. Lay the cable without twisting it.</li></ul> |
|--|---|

#### Environmental Product Compliance

|            |   |
|------------|---|
| China RoHS | Environmentally friendly use period: unlimited = EFUP-e |
|            | No hazardous substances above threshold values          |

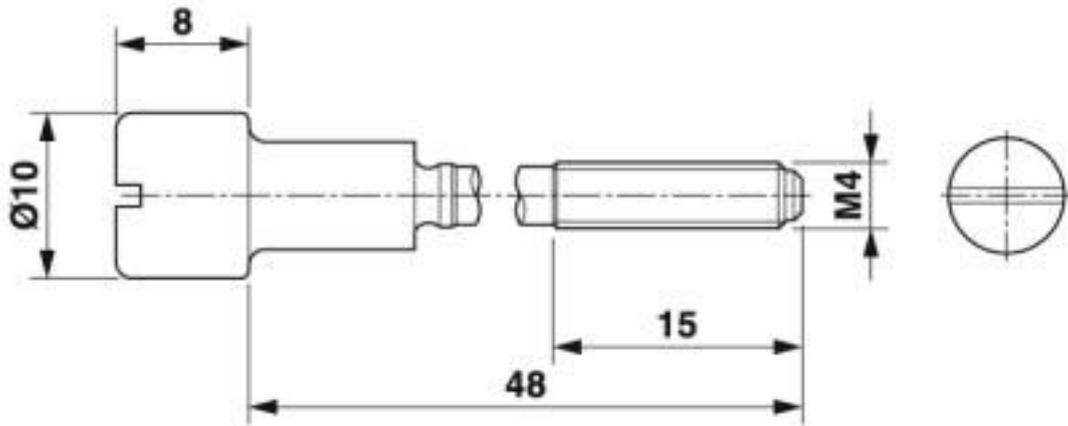
### Drawings

Product drawing

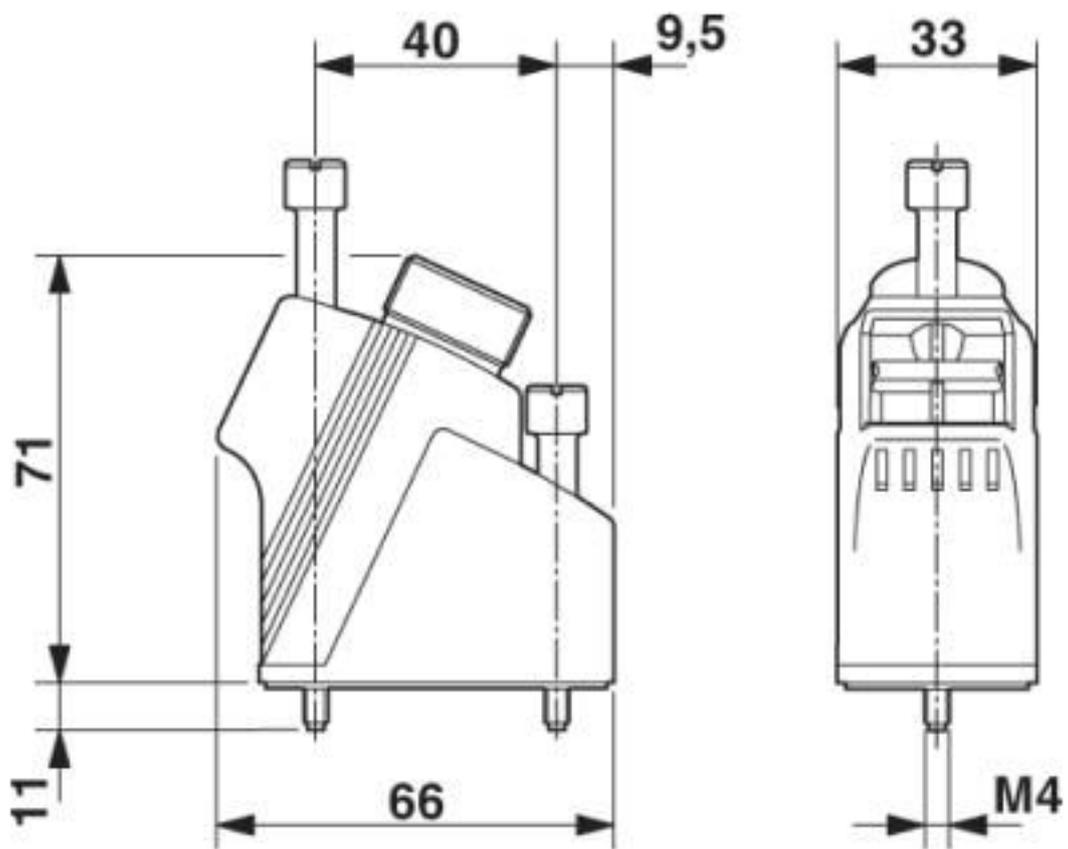


# Sleeve housing - VC-K-T1-R - 1855092

Dimensional drawing

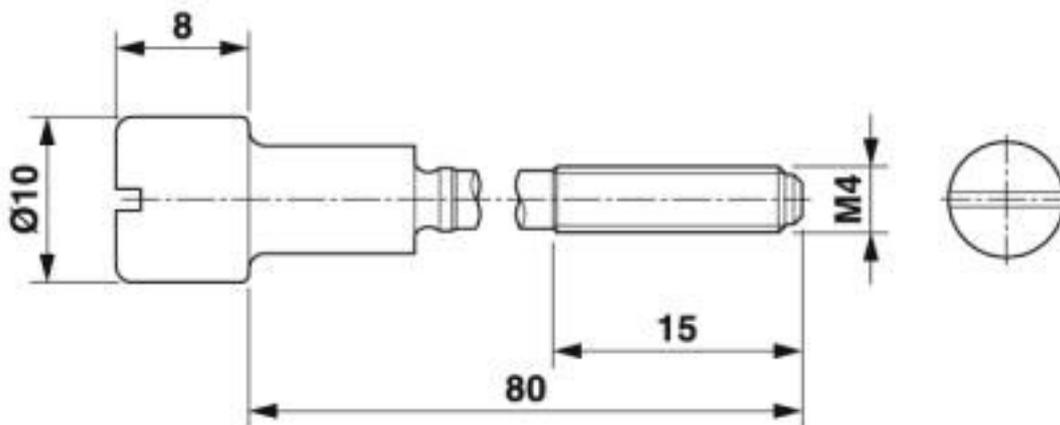


Dimensional drawing



# Sleeve housing - VC-K-T1-R - 1855092

Dimensional drawing



## Classifications

eCl@ss

|               |          |
|---------------|----------|
| eCl@ss 10.0.1 | 27440202 |
| eCl@ss 4.0    | 27140800 |
| eCl@ss 4.1    | 27140800 |
| eCl@ss 5.0    | 27371200 |
| eCl@ss 5.1    | 27261200 |
| eCl@ss 6.0    | 27261200 |
| eCl@ss 7.0    | 27440202 |
| eCl@ss 8.0    | 27440202 |
| eCl@ss 9.0    | 27440202 |

ETIM

|          |          |
|----------|----------|
| ETIM 2.0 | EC000437 |
| ETIM 3.0 | EC000437 |
| ETIM 4.0 | EC000437 |
| ETIM 5.0 | EC000437 |
| ETIM 6.0 | EC000437 |
| ETIM 7.0 | EC000437 |

UNSPSC

|               |          |
|---------------|----------|
| UNSPSC 6.01   | 31261501 |
| UNSPSC 7.0901 | 31261501 |
| UNSPSC 11     | 31261501 |
| UNSPSC 12.01  | 31261501 |
| UNSPSC 13.2   | 31261501 |
| UNSPSC 18.0   | 31261501 |
| UNSPSC 19.0   | 31261501 |
| UNSPSC 20.0   | 31261501 |

# Sleeve housing - VC-K-T1-R - 1855092

## Classifications

### UNSPSC

|             |          |
|-------------|----------|
| UNSPSC 21.0 | 31261501 |
|-------------|----------|

## Approvals

### Approvals

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### Approvals

EAC

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### Ex Approvals

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## Approval details

|     |  |         |
|-----|--|---------|
| EAC |  | B.01742 |
|-----|--|---------|

## Accessories

### Accessories

#### Half screw connection

##### Cable gland - VC-K-KV-PG16( 4- 6,5) - 1854459



Half screw connection Pg16, made of plastic, consisting of rubber seal with one hole and one pressure screw, for type 1 housings, cable [mm] 4 - 6.5

##### Cable gland - VC-K-KV-PG16( 5- 8) - 1853735



Pg16 half screw connection, plastic, comprising rubber seal with one hole and a pressure screw, for type 1 housing, cable: 5 - 8 [mm]

## Sleeve housing - VC-K-T1-R - 1855092

### Accessories

Cable gland - VC-K-KV-PG16( 6,5- 9,5) - 1853748



Pg16 half screw connection, plastic, comprising rubber seal with one hole and a pressure screw, for type 1 housing, cable: 6.5 - 9.5 [mm]

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Cable gland - VC-K-KV-PG16( 7-10,5) - 1853751



Pg16 half screw connection, plastic, comprising rubber seal with one hole and a pressure screw, for type 1 housing, cable: 7 - 10.5 [mm]

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Cable gland - VC-K-KV-PG16( 9-13) - 1853764



Half screw connection Pg16, made of plastic, consisting of rubber seal with one hole and one pressure screw, for type 1 housings, cable [mm] 9 - 13

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Cable gland - VC-K-KV-PG16(11,5-15,5) - 1854844



Half screw connection Pg16, made of plastic, consisting of rubber seal with one hole and one pressure screw, for type 1 housings, cable [mm] 11.5 - 15.5

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Cable gland - VC-K-KV-PG16 7/14 - 1607664



Half screw connection Pg16, made of plastic, consisting of rubber seal with one hole and one pressure screw, for type 1 housings, cable [mm] 7 - 14

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Multiple screw connection

## Sleeve housing - VC-K-T1-R - 1855092

### Accessories

Cable gland - VC-K-KV-PG16 1X3/1X8 - 1885376



Half screw connection Pg16, made of plastic, consisting of rubber seal with several holes (1 x 3 mm/1 x 8 mm) and a pressure screw, for cable screw connection support VC-M-KV-PG16....

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Cable gland - VC-K-KV-PG16 1X3/1X9 - 1885389



Half screw connection Pg16, made of plastic, consisting of rubber seal with several holes (1 x 6 mm/1 x 9 mm) and a pressure screw, for cable screw connection support VC-M-KV-PG16....

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Cable gland - VC-K-KV-PG16 1X6/1X8 - 1885392



Half screw connection Pg16, made of plastic, consisting of rubber seal with several holes (1 x 6 mm/1 x 8 mm) and a pressure screw, for cable screw connection support VC-M-KV-PG16....

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Cable gland - VC-K-KV-PG16 1X5/1X9 - 1885402



Half screw connection Pg16, made of plastic, consisting of rubber seal with several holes (1 x 5 mm/1 x 9 mm) and a pressure screw, for cable screw connection support VC-M-KV-PG16....

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Cable gland - VC-K-KV-PG16 1X3/2X8 - 1885415



Half screw connection Pg16, made of plastic, consisting of rubber seal with several holes (1 x 3 mm/2 x 8 mm) and a pressure screw, for cable screw connection support VC-M-KV-PG16....

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## Sleeve housing - VC-K-T1-R - 1855092

### Accessories

Cable gland - VC-K-KV-PG16 1X5/2X6 - 1885428



Half screw connection Pg16, made of plastic, consisting of rubber seal with several holes (1 x 5 mm/2 x 6 mm) and a pressure screw, for cable screw connection thread VC-M-KV-PG16....

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Cable gland - VC-K-KV-PG16 2X6/1X7 - 1885431



Half screw connection Pg16, made of plastic, consisting of rubber seal with several holes (2 x 6 mm/1 x 7 mm) and a pressure screw, for cable screw connection thread VC-M-KV-PG16....

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Cable gland - VC-K-KV-PG16 3X7 - 1885444



Half screw connection Pg16, made of plastic, consisting of rubber seal with several holes (3 x 7 mm) and one pressure screw, for cable screw connection support VC-M-KV-PG16....

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### Protective cover

Protective covers - VC-SD1 - 1853670



Protective cover, Protective covers, type: VC1, housing material: PA 6, color: gray

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Protective covers - VC-SD-T1 - 1886728



Protective cover, Protective covers, type: VC1, housing material: PA 6, color: gray

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## Sleeve housing - VC-K-T1-R - 1855092

### Accessories

Marking label - VC-BZS WH - 1852875



Marker labels, unprinted, 5-section, for individual labeling with M-PEN or CMS system, white

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Marking label - VC-BZS WH - 1852875



Marker labels, unprinted, 5-section, for individual labeling with M-PEN or CMS system, white

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PHOENIX CONTACT GmbH & Co. KG  
Flachsmarktstr. 8  
32825 Blomberg  
Germany  
Tel. +49 5235 300  
Fax +49 5235 3 41200  
<http://www.phoenixcontact.com>

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