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Product Datasheet

Thread	Connector with threaded coupling
Shell Style	Box mounting receptacle
Gender	Socket
Shell Size	28
Contact Arrangement	28-9
Number of contacts	6 contacts size 16, 6 contacts size 12
Contact Type	AWG Crimp
Contact Plating	Hard silver
Shielding	no
Contact Rating at +20 °C (68 °F) (Size 15/15S/16/16S)	22 A
Contact Rating at +20 °C (68 °F) (Size 25/12)	41 A
Contact Resistance (Size 15/15S/16/16S)	6 mΩ
Contact Resistance (Size 25/12)	3 mΩ
Operating Voltage	In case of voltages greater than 50V the connector must be used in accordance with DIN VDE part 410, IEC 60364-4-41. Acc. To VG95319, part 2, test no. 5.12 and VG95210, part 32, test conditions B, standard insulator material > 1000 MΩ
Insulator Resistance	2500 Vrms
Test Voltage	2,8 mm
Air and Creepage Paths (Min)	Standard insulator material -55°/+125°C (-67/257°F)
Ambient Temperature	IP67 acc. to DIN 40 050 (1 bar pressure after 12 hrs)
Safety Provisions	48 hours salt spray resistant
Salt Spray Resistance	500 min
Mating Cycles	1,0 N
Sep. Force per Contact (Size 15/15S/16/16S)	1,5 N
Sep. Force per Contact (Size 25/12)	For infos on Gage please see catalog VG95234, part 1
Gage	Closing: 17 Nm max / Opening: 0,92 Nm min
Coupling Torque	35 N
Contact Retention (Size 15/15S/16/16S)	55 N
Contact Retention (Size 25/12)	Aluminium alloy
Shell Material	Black Zinc Cobalt (conductive)
Shell Plating	Neoprene
Insulator and Gromet Material	Copper alloy
Contact Material	See assembly instruction
Harnessing Info: Contact Cross-Section	See assembly instruction
Harnessing Info: Insulator Diameter	6,2 mm
Wire Stripping (Size 15/15S/16/16S)	6,2 mm
Wire Stripping (Size 25/12)	6,2 mm
General Info	All tests in accordance with VG95319 and/or if applicable with VG95210



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