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Product Datasheet

Thread	Connector with threaded coupling
Shell Style	Box mounting receptacle
Gender	Pin
Shell Size	18
Contact Arrangement	18-4
Number of contacts	4 contacts size 16
Contact Type	Solder Cup
Contact Plating	Hard silver
Shielding	no
Contact Rating at +20 °C (68 °F) (Size 15/15S/16/16S)	22 A
Contact Resistance (Size 15/15S/16/16S)	6 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 500 min
Salt Spray Resistance	1,0 N
Mating Cycles	For infos on Gage please see catalog VG95234, part 1
Sep. Force per Contact (Size 15/15S/16/16S)	Closing: 8 Nm max / Opening: 0,58 Nm min
Gage	35 N
Coupling Torque	Aluminium alloy
Contact Retention (Size 15/15S/16/16S)	Black Zinc Cobalt (conductive)
Shell Material	Neoprene
Shell Plating	Copper alloy
Insulator and Gromet Material	See assembly instruction
Contact Material	See assembly instruction
Harnessing Info: Contact Cross-Section	6,2 mm
Harnessing Info: Insulator Diameter	
Wire Stripping (Size 15/15S/16/16S)	
General Info	<i>All tests in accordance with VG95319 and/or if applicable with VG95210</i>



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