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Product Datasheet		
Thread	Connector with threaded coupling	
Shell Style Endbell Style	Cable connecting plug without Endbell	
Gender	Socket	
Shell Size	16S	
Contact Arrangement	16S-1	
Number of contacts	7 contacts size 16S	
Contact Type	Solder Cup	
Contact Plating	Hard silver	
Shielding	no	
Contact Rating at +20 °C (68 °F)	22 A	
(Size 15/15S/16/16S)		
Contact Resistance	6 mΩ	
(Size 15/15S/16/16S)	In case of voltages greater than $E(V)$ the connector must be used in	
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	
Insulator Resistance	and VG95210, part 32, test conditions B,	
	standard insulator material > 1000 MΩ	
Test Voltage	1600 Vrms	
Air and Creepage Paths (Min)	1,1 mm	
Ambient Temperature	Standard insulator material -55°/+125°C (-67/257°F)	
	IP67 acc. to DIN 40 050	
Safety Provisions	(1 bar pressure after 12 hrs)	
Salt Spray Resistance	48 hours salt spray resistant	
Mating Cycles	500 min	
Sep. Force per Contact	1,0 N	
(Size 15/15S/16/16S)	For infos on Gage please see catalog	
Gage	VG95234, part 1	
Coupling Torque	Closing: 5,5 Nm max / Opening: 0,46 Nm min	
Contact Retention	35 N	
(Size 15/15S/16/16S)		
Shell Material	Aluminium alloy	
Shell Plating	Black Zinc Cobalt (conductive)	
Insulator and Gromet Material Contact Material	Neoprene Copper alloy	
Harnessing Info: Contact Cross-Section	See assembly instruction	
Harnessing Info: Contact Closs-Section Harnessing Info: Insulator Diameter	See assembly instruction	
Wire Stripping		
(Size 15/15S/16/16S)	6,2 mm	
General Info	All tests in accordance with VG95319 and/or if applicable with VG95210	

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