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Product Datasheet		
Thread	Connector with threaded coupling	
Shell Style	Plug, straight	
Endbell Style	Shortened light-weight endbell without cable clamp	
Gender	Socket	
Shell Size Contact Arrangement	28 28-12	
Number of contacts	26 contacts size 16	
Contact Type	AWG Crimp	
Contact Plating	Hard silver	
Shielding	no	
Insulator Rotation	90°	
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.	
nsulator Resistance	Acc. To VG95319, part 2, test no. 5.12 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)	
	(-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 Sep. Force per Contact Size 15/15S/16/16S)	500 min 1,0 N	
,	For infos on Gage please see catalog	
Gage	VG95234, part 1	
Coupling Torque Contact Retention	Closing: 17 Nm max / Opening: 0,92 Nm min	
Size 15/15S/16/16S)	35 N	
Shell Material	Aluminium alloy	
Shell Plating	Black Zinc Cobalt (conductive)	
nsulator and Gromet Material	Neoprene	
Contact Material Harnessing Info: Contact Cross-Section	Copper alloy	
	See assembly instruction See assembly instruction	
Harnessing Info: Insulator Diameter Wire Stripping	0.0	
	6,2 mm All tests in accordance with VG95319 and/or if applicable with VG95210	

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