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Product Datasheet		
Thread Shell Style	Connector with threaded coupling Plug, straight	
Endbell Style	without Endbell	
Gender	Pin	
Shell Size	22	
Contact Arrangement	22-19	
Number of contacts	14 contacts size 16	
Contact Type Contact Plating	Solder Cup Hard silver	
Shielding	no	
Contact Rating at +20 °C (68 °F)		
(Size 15/15S/16/16S)	22 A	
Contact Resistance	6 mΩ	
(Size 15/15S/16/16S)		
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 Standard insulator material -55°/+125°C	
Ambient Temperature	(-67/257°F)	
Safety Provisions	IP67 acc. to DIN 40 050	
	(1 bar pressure after 12 hrs)	
Salt Spray Resistance Mating Cycles	48 hours salt spray resistant 500 min	
Sep. Force per Contact		
(Size 15/15S/16/16S)	1,0 N	
Gage	For infos on Gage please see catalog	
Coupling Torque	VG95234, part 1 Closing: 11 Nm max / Opening: 0,8 Nm min	
Contact Retention		
(Size 15/15S/16/16S)	35 N	
Shell Material	Aluminium alloy	
Shell Plating	Black Zinc Cobalt (conductive)	
Insulator and Gromet Material	Neoprene Conner alloy	
Contact Material Harnessing Info: Contact Cross-Section	Copper alloy See assembly instruction	
Harnessing Info: Insulator Diameter	See assembly instruction	
Wire Stripping	6.2 mm	
(Size 15/15S/16/16S)		
General Info	All tests in accordance with VG95319 and/or if applicable with VG95210	

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