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Part Number Search

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Thread Connector with threaded coupling Shell Style Gender Socket Shell Size 18-8 Contact Arrangement Number of contacts Contact Type Contact Plating Solder Cup Hard silver Shielding Contact Rating at +20 °C (68 °F) (Size 15/15S/16/16S) no 22 A Contact Rating at +20 °C (68 °F) 41 A (Size 25/12)

Contact Resistance (Size 15/15S/16/16S) Contact Resistance (Size 25/12) Operating Voltage

Insulator Resistance

Test Voltage Air and Creepage Paths (Min) Ambient Temperature

Safety Provisions Salt Spray Resistance Mating Cycles Sep. Force per Contact (Size 15/15S/16/16S)

Sep. Force per Contact (Size 25/12) Gage

Coupling Torque Contact Retention (Size 15/15S/16/16S) Contact Retention (Size 25/12) Shell Material

Shell Plating Insulator and Gromet Material Contact Material

Harnessing Info: Contact Cross-Section

Harnessing Info: Insulator Diameter Wire Stripping (Size 15/15S/16/16S) Wire Stripping (Size 25/12) General Info

Box mounting receptacle

1 contact size 12, 7 contacts size 16

6 mΩ 3 mΩ

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 M Ω 1600 Vrms

1,1 mm Standard insulator material -55°/+125°C (-67/257°F) IP67 acc. to DIN 40 050

(1 bar pressure after 12 hrs)

48 hours salt spray resistant

1,0 N 1.5 N

For infos on Gage please see catalog VG95234, part 1

Closing: 8 Nm max / Opening: 0,58 Nm min

35 N 55 N

Aluminium alloy Black Zinc Cobalt (conductive)

Neoprene Copper alloy

See assembly instruction See assembly instruction

6,2 mm 6.2 mm

All tests in accordance with VG95319 and/or if applicable with VG95210

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