DATA SHEET

AB-C4-M12MS-PG7



Product description

Valid from:

12.09.2019

Sensor/Actuator connector, straight socket, 4-pos., M12, A-coded, screw connection, metal knurl, cable screw connection Pg9



General properties

Ambient temperature -40 to +85 °C

Protection degree IP 67

Number of contacts 4

Outer diameter, cable 4.0 – 6.0 mm
Termination type screw connection

Termination cross section, AWG 24 - 18Termination cross section, mm² 0.25 - 0.75Mating cycles ≥ 100

Electrical properties

Rated voltage 250 V Contact resistance ≤ 8 mΩ Insulation resistance ≥ 10 TΩ Proof voltage, contact-contact ≥ 1.4 kV ≥ 1.4 kV Proof voltage, contact-housing 4 A Rated current Ш Overvoltage category Pollution degree 3

Materials

Contact carrier PA

Contact carrier, Inflammability class in accordance V0

with UL 94

Contacts, base material CuZn Contacts, surface CuSnZn

Locking nut Die-cast zinc, Ni plated

Grip body PA

Sealing NBR / FKM

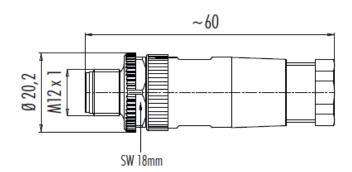
Standards

Product standard M12-Connector acc. to DIN EN 61076-2-101

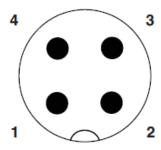
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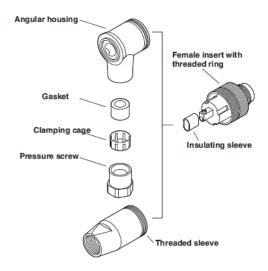
Drawings



Pin assignment



Assembly instruction



Application range

Automation, industrial machinery and plant engineering

Note

Photographs are not true to scale and do not represent detailed images of the respective products.

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