DATA SHEET 22260651

Valid from: AB-C5-M12MS-PG9 12.09.2019



Product description

Sensor/Actuator connector, straight plug, 5-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 5

Outer diameter, cable 6.0 - 8.0 mm Termination type screw connection

Termination cross section, AWG 24 - 180.25 - 0.75Termination cross section, mm² ≥ 100 Mating cycles

Electrical properties

60 V Rated voltage Contact resistance ≤ 8 mΩ Insulation resistance ≥ 10 TΩ Proof voltage, contact-contact ≥ 1.0 kV ≥ 1.0 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

Die-cast zinc, Ni plated Locking nut

Grip body

Sealing NBR / FKM

Standards

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

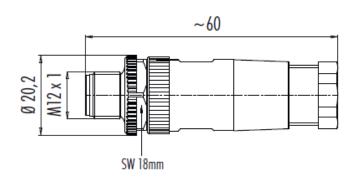
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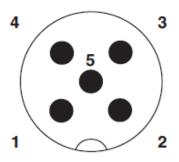


Drawings

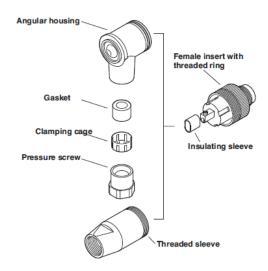
12.09.2019



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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