DATA SHEET

Valid from: 12.09.2019

22260102

AB-C3-M8FS-0,5



Product description

Sensor/actuator flush-type socket, M8, 3-pos., front/screw mounting, with M8 thread, with 0.5 m TPE litz wire, 3 x 0.25 mm²



General properties, flush-type connector

-25 to +85 °C Ambient temperature

Protection degree IP67 4 Number of contacts Coding Α

Termination type single wires

Conductor cross section, AWG 24 Conductor cross section, mm² 0.25 Mating cycles 100

General properties, cable

Insulation, material **TPE**

Cable type stranded single wire Conductor, material tinned copper Cores, outer diameter 1.5 mm Permissible temperature range, fixed installation -30 to 105 °C

Electrical properties

60 V Rated voltage ≤ 3 mΩ Contact resistance Insulation resistance ≥ 10 TΩ ≥ 1.00 kV Proof voltage, contact-contact Proof voltage, contact-housing ≥ 0.85 kV Rated current 4 A Overvoltage category Ш Pollution degree 3

Materials, M8 flush-type connector

Contact carrier PUR

Contact carrier, inflammability class in accordance ΗВ

with UL 94 Contacts, base material CuSn

Contacts, surface Au

Knurl Brass, Ni plated

Grip body PΑ **FKM** Sealing

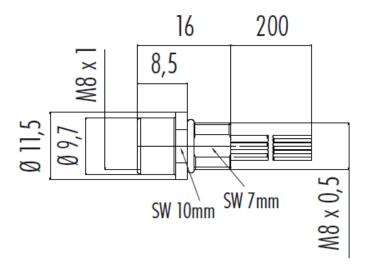
Standards

Product standard M8-Connector acc. to DIN EN 61076-2-104

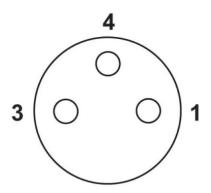
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Drawings



Pin assignment



Application range

Connection of enclosures and cabinets

Note

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

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