# DATA SHEET

Valid from: 12.09.2019

22260046

#### AB-C4-M8FS-F0,5



### **Product description**

Sensor/actuator connector, straight socket M8, 4-pos., fast connection system, metal knurl, max. cable diameter 5.0 mm



### **General properties**

Ambient temperature -25 to +80 °CProtection degree IP65/IP67

Number of contacts 4
Coding A

Outer diameter, cable 2.5 - 5.0 mm Outer diameter, wire 0.75 - 1.5 mm

Termination type insulation displacement connection (IDC)

Termination cross section, AWG 24 – 20
Termination cross section, mm² 0.25 – 0.5
Mating cycles 100

## **Electrical properties**

60 V Rated voltage Contact resistance ≤ 5 mΩ Insulation resistance  $\geq$  100 M $\Omega$ ≥ 1.00 kV Proof voltage, contact-contact ≥ 0.85 kV Proof voltage, contact-housing Rated current 4 A Overvoltage category Ш Pollution degree 3

#### Materials, M8 flush-type connector

Contact carrier TPU

Contact carrier, inflammability class in accordance with UL 94

Contacts, base material CuSn Contacts, surface Ni/Au

Knurl Brass, Ni plated

Grip body PA

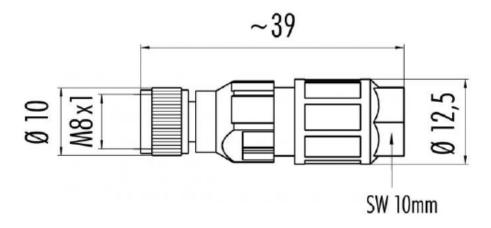
#### **Standards**

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

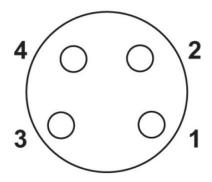
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# **Drawings**



## Pin assignment



### Note

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

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