


22260125	<b>DATA SHEET</b>	
Valid from: 12.09.2019	<b>AB-C3-M8FS</b>	

## Product description

Sensor/actuator connector, straight socket M8, 3-pos., screw connection, metal knurl, cable diameter max. 5 mm



## General properties

Ambient temperature	-40 to +85 °C
Protection degree	IP67
Number of contacts	3
Coding	A
Outer diameter, cable	3.5 – 5.0 mm
Termination type	screw connection
Termination cross section, AWG	26 – 20
Termination cross section, mm <sup>2</sup>	0.14 – 0.5
Mating cycles	100

## Electrical properties

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


## Materials

Contact carrier	PA
Contact carrier, inflammability class in accordance with UL 94	V0
Contacts, base material	CuSn
Contacts, surface	Au
Knurl	Brass, Ni plated
Grip body	PA
Sealing	NBR/FKM

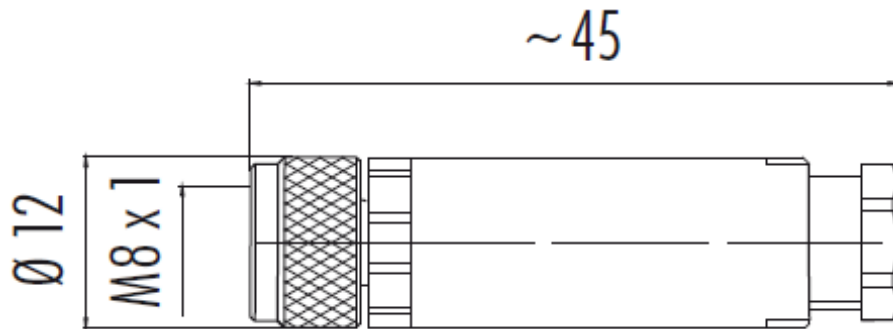
## Standards

Product standard	M8-Connector acc. to DIN EN 6 1076-2-104
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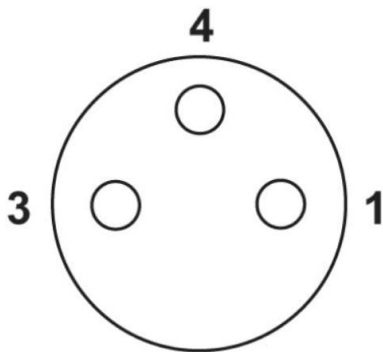
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### Drawings



### Pin assignment



### Note

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

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