

Valid from: 12.09.2019

AB-C3-M8FA

Product description

Sensor/actuator connector, angled 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	А
Outer diameter, cable	3.5 – 5.0 mm
Termination type	screw connection
Termination cross section, AWG	26 - 20
Termination cross section, mm ²	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	11
Pollution degree	3

Materials

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

Standards

Product standard

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

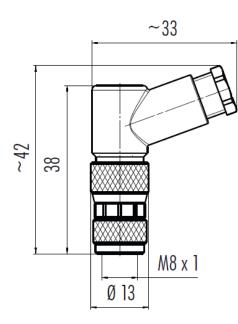
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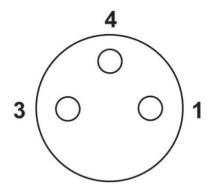
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Drawings



Pin assignment



Note

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

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