

SACC-M 8MS-4CON-M-SH - Connector



1506914

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Connector, Universal, 4-position, shielded, Plug straight M8, A, Solder connection, knurl material: Nickel-plated brass, external cable diameter 3.5 mm ... 5 mm

Your advantages

- Safe use in the field, thanks to a high degree of protection
- Reliable signal transmission – 360° shielding in environments with electromagnetic interference

Commercial Data

Item number	1506914
Packing unit	1 pc
Minimum order quantity	1 pc
Sales Key	BF2
Product Key	BF2BJA
Catalog Page	Page 18 (C-2-2019)
GTIN	4017918881184
Weight per Piece (including packing)	19.51 g
Weight per Piece (excluding packing)	19.51 g
Customs tariff number	85366990
Country of origin	DE

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Technical Data

Notes

Assembly instruction:

NOTE: Observe the permissible bending radii when laying conductors, since the degree of protection may be put in jeopardy if the bending forces are too high. Alleviate mechanical loads upstream of the connector, e.g. by using cable ties.

Mounting

Connection method

Solder connection

Product properties

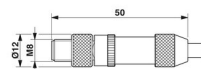
Product type	Circular connector (cable-side)
Number of positions	4
Sensor type	Universal
No. of cable outlets	1
Shielded	yes
Coding	A

Insulation characteristics

Overvoltage category	II
Degree of pollution	3

Dimensions

Dimensional drawing



Length

50 mm

External dimensions

Outside diameter

3.5 mm ... 5 mm

Housing

Diameter housing

12 mm

Material specifications

Flammability rating according to UL 94	HB
Seal material	NBR
Material of grip body	Nickel-plated brass
Contact material	CuZn
Contact surface material	Au
Contact carrier material	PA
Material for screw connection	Nickel-plated brass

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Connection data

Conductor connection

Connection method	Solder connection
Connection cross section	0.08 mm ² ... 0.25 mm ² (flexible)
	0.08 mm ² ... 0.25 mm ² (solid)
Connection cross section AWG	28 ... 24 (flexible)
	28 ... 24 (solid)
Stripping length of the individual wire	3 mm
Tightening torque	0.2 Nm (M8 knurl)

Electrical properties

Min. AWG, flexible, multi-strand	28
Rated surge voltage	0.8 kV
Contact resistance	≤ 3 mΩ
Insulation resistance	≥ 100 MΩ
Nominal voltage U _N	30 V AC
	30 V DC
Nominal current I _N	4 A

Mechanical properties

Mechanical data

Insertion/withdrawal cycles	≥ 100
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Connector

Connection 1

Head design	Plug
Head cable outlet	straight
Head thread type	M8
Coding	A

Cable/line

Signal type/category	Universal
Stripping length of the individual wire	3 mm

Environmental and real-life conditions

Ambient conditions

Degree of protection	IP67
Ambient temperature (operation)	-40 °C ... 85 °C (Plug / socket)

Standards and regulations

Standards/specifications	IEC 61076-2-104
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