Extract from the online catalog

SACC-M 8FS-4CON-M-0,34-SH

Order No.: 1542910



http://eshop.phoenixcontact.de/phoenix/treeViewClick.do?UID=1542910

Sensor/actuator connector, female, straight, 4-pos., M8, shielded, screw connection, metal knurl, cable diameter max. 5.2 mm

Product notes

WEEE/RoHS-compliant since: 05/01/2006

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Commercial data

GTIN (EAN)	4 046356 097796
sales group	D124
Pack	1 pcs.
Customs tariff	85366990
Catalog page information	Page 43 (PC-2009)

Technical data

General data

Rated current at 40°C	4 A
Rated voltage	30 V
Number of positions	4
Volume resistance	≤ 3 mΩ
Insulation resistance	≥ 100 MΩ

Ambient temperature (operation)	-40 °C ... 85 °C (Male connector / female connector)

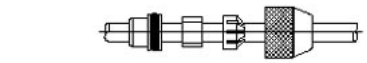
General characteristics

Standards/regulations	M8 connector IEC 61076-2-104
Coding	A - standard
Surge voltage category	II
Pollution degree	3
Degree of protection	IP67
Contact material	CuSn
Contact surface material	Au
Contact carrier material	PUR / PA66
Material of grip body	Nickel-plated brass
Material, knurls	Nickel-plated brass
Sealing material	NBR
Type of connection	Screw connection
Conductor cross section stranded min.	0.14 mm²
Conductor cross section stranded max.	0.34 mm²
Conductor cross section AWG/kcmil min.	26
Conductor cross section AWG/kcmil max	22
External cable diameter	3.5 mm ... 5.2 mm
Status display	No

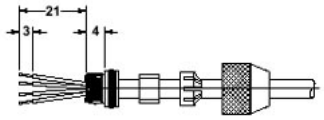
Diagrams/Drawings

Functional drawing

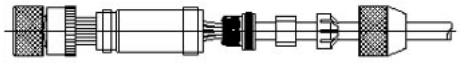
Assembly steps for M8 male/female connector and conductor



Slide parts onto the conductor



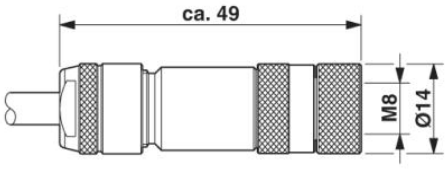
Strip conductor, widen shield and lay around the shielding ring, cut off projecting mesh.



Slide cores through the housing, mount shielding ring, gasket and clamping cage. Tighten pressure screw to fix the cable. Solder on cores, mount male/female connector part and tighten pressure screw.

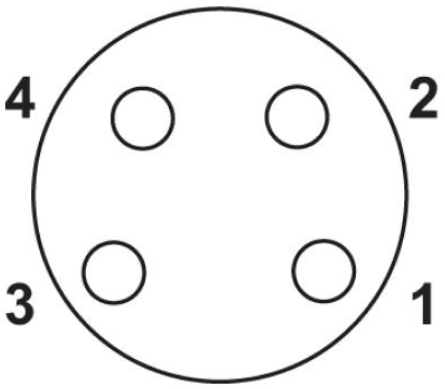
Dimensioned drawing

Socket M8 x 1, straight, shielded



Schematic diagram

Pin assignment M8 socket, 4-pos., view female side



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