

SAC-4P-M 8MS-M12FS


Order No.: 1519736

The illustration shows the 3-pos. version

<http://eshop.phoenixcontact.de/phoenix/treeViewClick.do?UID=1519736>

Adapter, from M8 male connector to M12 female connector, 4-pos.

Commercial data

GTIN (EAN)	 4 046356 019927
sales group	D116
Pack	1 pcs.
Customs tariff	85366990
Catalog page information	Page 162 (PC-2011)

Product notes

WEEE/RoHS-compliant since:
01/01/2008

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Technical data

General data

Rated current at 40°C	4 A
Rated voltage	30 V
Number of positions	4
Volume resistance	≤ 5 mΩ
Insulation resistance	≥ 100 MΩ
Ambient temperature (operation)	-25 °C ... 90 °C

General characteristics

Standards/regulations	M12 connector IEC 61076-2-101
	M8 connector IEC 61076-2-104
Coding	A - standard
Surge voltage category	II
Pollution degree	3
Degree of protection	IP65/IP67
Insertion/withdrawal cycles	≥ 100
Torque	0.4 Nm (M12 connector)
	0.2 Nm (M8 plug-in connectors)
Contact material	CuSn
Contact surface material	Ni/Au
Contact carrier material	TPU GF
Material of grip body	TPU, hardly inflammable, self-extinguishing
Material, knurls	Zinc die-cast, nickel-plated
Sealing material	NBR
Status display	No

Certificates / Approvals



Certification

CUL Listed, UL Listed

Accessories

Item	Designation	Description
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Protection and sealing elements

1680539	PROT-M12	An M12 screw plug for the unoccupied M12 sockets of the sensor/ actuator cable, boxes and flush-type connectors
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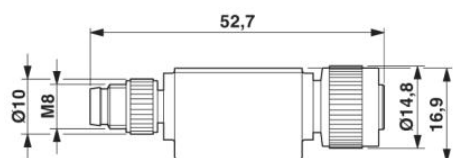
Tools

1208432	SAC BIT M12-D15	Nut for assembling sensor/actuator cables with M12 connector and for M12 connectors with QUICKON fast connection technology, for 4 mm hexagonal drive
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1208461	SAC BIT M8-D10	Nut for assembling sensor/actuator cables with M8 connector and for M8 connectors with QUICKON fast connection technology, for 4 mm hexagonal drive
1208487	TSD 02 SAC	Torque screwdriver, with preset torque of 0.2 Nm and 4 mm hexagonal drive for M8 connectors
1208429	TSD 04 SAC	Torque screwdriver, with preset torque of 0.4 Nm and 4 mm hexagonal drive for M12 connectors

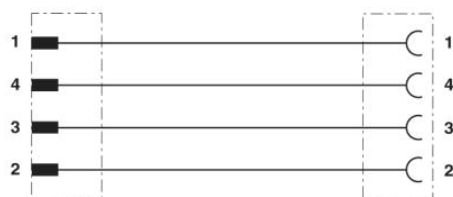
Diagrams/Drawings

Dimensioned drawing



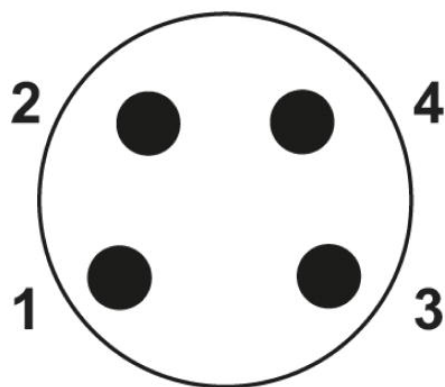
M8/M12 adapter

Circuit diagram

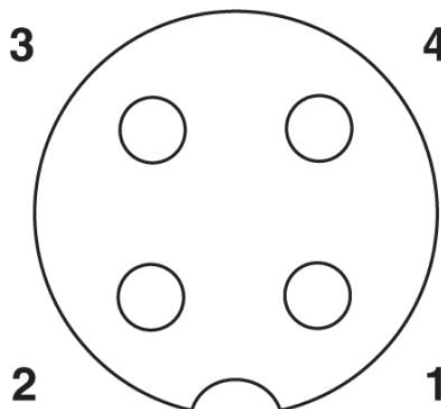


Contact assignment of the M8/M12 adapter

Schematic diagram



Pin assignment M8 plug, 4-pos., view male side



Pin assignment M12 socket, 4-pos., A-coded, view female side



Layout of connector pin assignments

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