

SACC-M 8MS-3CON-M-SW

Order No.: 1501252

<http://eshop.phoenixcontact.net/phoenix/treeViewClick.do?UID=1501252>

Plug-in connector, 3-position, Plug, straightLink:M8, A-coded, Screw connection, Knurl material: Nickel-plated brass, External cable diameter 3.5 mm ... 5 mm

Commercial data

EAN	 4 017918 612795
Pack	1 pcs.
Customs tariff	85366990
Gross weight in pieces	0.0106 KG
Net weight per piece (exclusive packing)	0.00997 KG
Catalog page information	Page 67 (PC-2011)

Product notes

WEEE/RoHS-compliant since:
11/23/2005



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Technical data**General data**

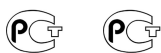
Rated current at 40°C	4 A
Rated voltage	60 V
Number of positions	3
Volume resistance	≤ 3 mΩ

Insulation resistance	$\geq 100 \text{ M}\Omega$
Ambient temperature (operation)	-40 °C ... 85 °C (Plug / socket)

General characteristics

Standards/regulations	M8 plug-in connector IEC 61076-2-104
Coding	A - standard
Surge voltage category	II
Pollution degree	3
Degree of protection	IP67
Insertion/withdrawal cycles	≥ 100
Torque	0.2 Nm (M8 knurl)
	0.5 Nm (Connector with coupling sleeve)
	0.3 Nm ... 0.4 Nm (Pressure screw for outer cable diameter 3 mm ... 4 mm)
	0.8 Nm ... 1 Nm (Pressure screw in the case of external cable diameter 4 mm ... 5 mm)
	0.1 Nm (Screw terminal blocks)
Contact material	CuZn
Contact surface material	Au
Contact carrier material	PA
Material of grip body	PBT
Material, knurls	Nickel-plated brass
Sealing material	NBR
Connection method	Screw connection
Conductor cross section	0.14 mm ² ... 0.5 mm ²
AWG conductor cross section	26 ... 20
Assembly instructions	The wires can be connected both with ferrules (without insulation) and without ferrules.
External cable diameter	3.5 mm ... 5 mm
Status display	No
Stripping length of the sheath	12 mm
Stripping length of the individual wire	4 mm

Certificates / Approvals



Certification

GOST

Certifications applied for:

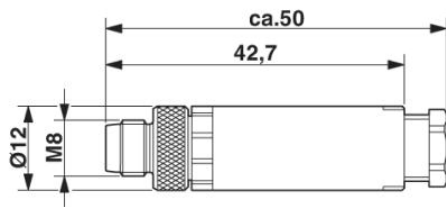
Certification Ex:

Accessories

Item	Designation	Description
Cable/conductor		
1501689	SAC-3P-100,0-PUR/0,25	Cable ring, PUR halogen-free black, 3-pos., conductor colors: Brown/blue/black, cable length: 100 m
1501650	SAC-3P-100,0-PUR/0,34	Cable ring, PUR halogen-free black, 3-pos., conductor colors: Brown/blue/black, cable length: 100 m
Grommet		
1436945	SACC-M 8-SET/2,2-3,5	Sensor/actuator connector, accessories, pressure screw and seal, for unshielded M8 connector, cable diameter 2.2 mm - 3.5 mm
Protection and sealing elements		
1430857	PROT-M 8 FS-PA-CHAIN	M8 sealing cap made of plastic with fixing band for sensor cables, for M8 plugs
Tools		
1208474	SACC BIT M8-D12	Nut for assembling SACC M8 connectors for free assembly with longitudinal knurl, excluding 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
1212224	TSD-M 1,2NM	Torque screw driver, accuracy as per EN ISO 6789 standard, adjustable from 0.3 - 1.2 Nm
1212600	TSD-M SAC-BIT ADAPTER	Adapter bit for TSD-M...torque tools, E6.3-1/4" drive with 4 mm hexagon to accommodate SAC bits

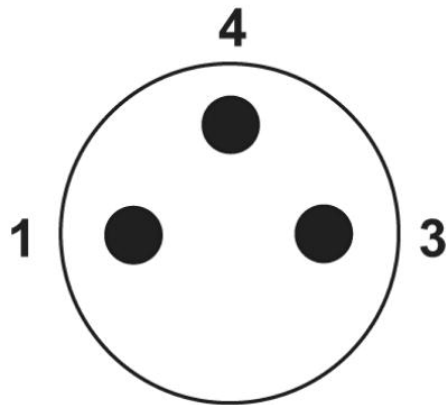
Diagrams/Drawings

Dimensioned drawing



M8 x 1 male connector, straight version

Schematic diagram



M8 plug pin assignment, 3-pos., view of pin side

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