

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

Order No.: 1542897



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Connector, 4-position, Plug straight M8, Screw connection, Knurl material: Nickel-plated brass, External cable diameter 3.5 mm ... 5.5 mm

Commercial data

EAN	4 046356 097819
Pack	1 pcs.
Customs tariff	85366990
Gross weight in pieces	0.0315 KG
Net weight per piece (exclusive packing)	0.0315 KG
Catalog page information	Page 17 (C-4-2013)

Product notes

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



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Technical data

Dimensions

External diameter	3.5 mm ... 5.5 mm
Stripping length of the sheath	12 mm +1 mm (Shield diameter ≤ 3.5 mm) 18 mm +1 mm (Shield diameter > 3.5 mm)
Stripping length of the individual wire	4 mm

Ambient conditions

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

General

Rated current at 40°C	4 A
Rated voltage	30 V
Number of positions	4
Contact resistance	≤ 3 mΩ
Insulation resistance	≥ 100 MΩ
Coding	A - standard
Standards/regulations	M8 connector IEC 61076-2-104
Status display	No
Surge voltage category	II
Pollution degree	3
Connection method	Screw connection
Conductor cross section	0.14 mm² ... 0.5 mm²
AWG conductor cross section	26 ... 20
Insertion/withdrawal cycles	≥ 100
Torque	0.2 Nm (M8 knurl)
	0.3 Nm ... 0.4 Nm (Pressure screw for outer cable diameter 3 mm ... 4 mm)
	0.8 Nm ... 1 Nm (Pressure screw for outer cable diameter 4 mm ... 8 mm)
	0.1 Nm (Screw terminal blocks)
Tightening torque	Screw plug insert with sleeve housing as far it will go
Assembly instructions	The wires can be connected both with ferrules (without insulation) and without ferrules.

Material

Inflammability class according to UL 94	HB
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

Certificates / Approvals



Certification

GOST

Certifications applied for:

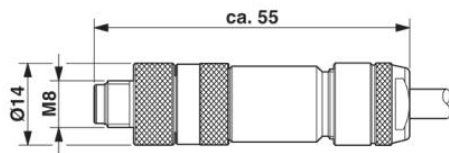
Certification Ex:

Accessories

Item	Designation	Description
Cable/conductor		
1535794	SAC-4P-100,0-PUR/SH-0,25	Cable ring, black halogen-free PUR, 4-pos., shielded, 4 x 0.25 mm ² , conductor colors: brown/white/blue/black, cable length: 100 m
1501715	SAC-4P-100,0-PUR/SH-0,34	Cable ring, PUR halogen-free black, 4-pos., shielded, conductor colors: Brown/white/blue/black, cable length: 100 m
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

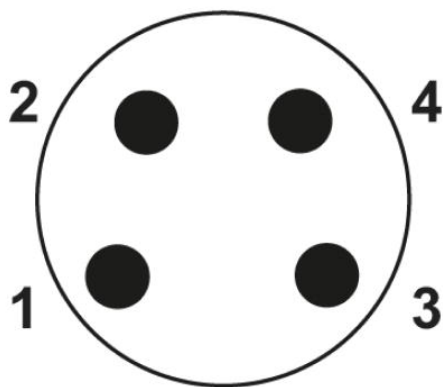
Diagrams/Drawings

Dimensioned drawing



Plug M8 x 1, straight, shielded

Schematic diagram



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

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