

Connectors - SACC-M 8MS-4CON-M-SW - 1501265


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Sensor/actuator connector, male, straight, 4-pos., M8, screw connection, metal knurl, cable diameter max. 5 mm



Key commercial data

Packing unit	1
Minimum order quantity	1
Catalog page	Page 67 (PC-2011)
GTIN	 4 017918 612788
Weight per Piece (excluding packing)	10.94 GRM
Country of origin	GERMANY

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
Torque	0.2 Nm (M8 knurl)
Contact material	Cu alloy
Contact surface material	Au
Contact carrier material	PUR / PA66
Material of grip body	PBT

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Technical data

General characteristics

Material, knurls	Nickel-plated brass
Sealing material	NBR
Connection method	Screw connection
Conductor cross section stranded min.	0.14 mm ²
Conductor cross section stranded max.	0.5 mm ²
Conductor cross section AWG/kcmil min.	26
Conductor cross section AWG/kcmil max	20
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

Classifications

eclass

eCl@ss 4.0	27140815
eCl@ss 4.1	27140815
eCl@ss 5.0	27260701
eCl@ss 5.1	27260701
eCl@ss 6.0	27279221

etim

ETIM 2.0	EC001121
ETIM 3.0	EC002062
ETIM 4.0	EC002062

unspsc

UNSPSC 6.01	31251501
UNSPSC 7.0901	31251501
UNSPSC 11	31251501
UNSPSC 12.01	31251501
UNSPSC 13.2	31251501

Approvals

Certificates

Certification

GOST / GOST

Certification EX

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Approvals

Certification submitted

Approval details

GOST

GOST

Accessories

Accessories

Cable specification

Sensor/Actuator cable - SAC-4P-100,0-PUR/0,25 - 1501692



Cable ring, PUR halogen-free black, 4-pos., conductor colors: brown / white / blue / black, cable length: 100 m

Sensor/Actuator cable - SAC-4P-100,0-PUR/0,34 - 1501663



Cable ring, PUR halogen-free black, 4-pos., conductor colors: brown / white / blue / black, cable length: 100 m

Grommet

Connectors - SACC-M 8-SET/2,2-3,5 - 1436945



Sensor/actuator connector, accessories, pressure screw and seal, for unshielded M8 connector, cable diameter 2.2 mm - 3.5 mm

Protection and sealing elements

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Accessories

Sealing cap - PROT-M 8 FS-PA-CHAIN - 1430857

M8 sealing cap made of plastic with fixing band for sensor cables, for M8 plugs



Tools

Torque screwdriver - TSD 02 SAC - 1208487



Torque screwdriver, with preset torque of 0.2 Nm and 4 mm hexagonal drive for M8 connectors

Tool - SACC BIT M8-D12 - 1208474



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

Torque screwdriver - TSD-M 1,2NM - 1212224



Torque screw driver, accuracy as per EN ISO 6789 standard, adjustable from 0.3 - 1.2 Nm

Adapter insert - TSD-M SAC-BIT ADAPTER - 1212600

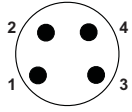


Adapter bit for TSD-M...torque tools, E6.3-1/4" drive with 4 mm hexagon to accommodate SAC bits

Drawings

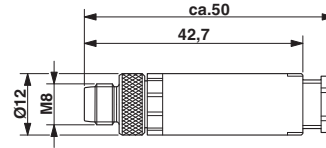
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Schematic diagram



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

Dimensioned drawing



M8 x 1 male connector, straight version