

Plug-in connector - SACC-M 8FS-4CON-M-SW - 1506891

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Plug-in connector, 4-position, Socket, straightLink:M8, A-coded, Screw connection, Knurl material: Nickel-plated brass, External cable diameter 3.5 mm ... 5 mm

Product Features

- ✓ Safe use in the field, thanks to a high degree of protection
- ✓ Flexible: plug-in connectors for on-site assembly
- ✓ Screw connection: proven connection technology for a large selection of different conductors



Key commercial data

Packing unit	1 PCE
GTIN	 4 017918 881207
Custom tariff number	85366990
Country of origin	GERMANY

Technical data

General data

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

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Technical data

General characteristics

Pollution degree	3
Degree of protection	IP67
Insertion/withdrawal cycles	≥ 100
Torque	0.2 Nm (M8 knurl)
Torque	0.5 Nm (Connector with coupling sleeve)
Torque	0.3 Nm ... 0.4 Nm (Pressure screw for outer cable diameter 3 mm ... 4 mm)
Torque	0.8 Nm ... 1 Nm (Pressure screw in the case of external cable diameter 4 mm ... 5 mm)
Torque	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

Classifications

ETIM

ETIM 2.0	EC001121
ETIM 3.0	EC002062
ETIM 4.0	EC002062
ETIM 5.0	EC002062

UNSPSC

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

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Classifications

UNSPSC

UNSPSC 7.0901	31251501
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eCl@ss

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
eCl@ss 7.0	27440104

Approvals

Approvals

Approvals

GOST / GOST

Ex Approvals

Approvals submitted

Approval details

GOST 
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GOST 
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Accessories

Accessories

Cable/conductor

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Accessories

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

Plug-in connector - 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

Screw plug - PROT-M 8 MS-PA-CHAIN - 1430860

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



Tools

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Accessories

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

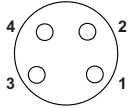


Adapter bit for TSD-M...torque tools, E6.3-1/4" drive with 4 mm hexagon to accommodate SAC bits

Drawings

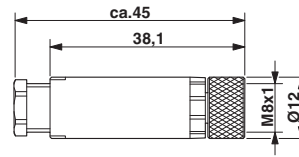
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Schematic diagram



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

Dimensioned drawing



Socket M8 x 1, straight