

Connector - SACC-M 8MR-3CON-M-SW - 1407583

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

Why buy this product

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



Key commercial data

| | |
|--------------------------------------|---|
| Packing unit | 1 pc |
| GTIN |  4 046356 780032 |
| Weight per Piece (excluding packing) | 13.23 g |
| Custom tariff number | 85366990 |
| Country of origin | Germany |

Technical data

Dimensions

| | |
|---|-----------------|
| External diameter | 3.5 mm ... 5 mm |
| Stripping length of the sheath | 12 mm |
| Stripping length of the individual wire | 4 mm |

Ambient conditions

| | |
|---------------------------------|------------------|
| Ambient temperature (operation) | -40 °C ... 85 °C |
| Degree of protection | IP67 |

General

| | |
|------------------------|----------|
| Rated current at 40 °C | 4 A |
| Rated voltage | 60 V |
| Number of positions | 3 |
| Contact resistance | ≤ 3 mΩ |
| Insulation resistance | ≥ 100 MΩ |

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Technical data

General

| | |
|-----------------------------|--|
| 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 mm ² ... 0.5 mm ² |
| AWG conductor cross section | 26 ... 20 |
| 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) |
| Assembly instructions | The wires can be connected both with ferrules (without insulation) and without ferrules. |
| | The connector pin assignment can be rotated 180° to the cable outlet |

Material

| | |
|---|---------------------|
| Inflammability class according to UL 94 | HB |
| Contact material | CuZn |
| Contact surface material | Au |
| Contact carrier material | PA |
| Material of grip body | PBT |
| Material, knurls | Nickel-plated brass |
| Sealing material | NBR |

Classifications

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 |
| eCl@ss 8.0 | 27440104 |

ETIM

| | |
|----------|----------|
| ETIM 3.0 | EC002062 |
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Classifications

ETIM

| | |
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| ETIM 4.0 | EC002062 |
| ETIM 5.0 | EC002062 |

UNSPSC

| | |
|---------------|----------|
| UNSPSC 6.01 | 31251501 |
| UNSPSC 7.0901 | 31251501 |
| UNSPSC 11 | 31251501 |
| UNSPSC 12.01 | 31251501 |
| UNSPSC 13.2 | 31251501 |

Approvals

Approvals

Approvals

EAC

Ex Approvals

Approvals submitted

Approval details

| |
|-----|
| EAC |
|-----|

Accessories

Accessories

Cable by the meter

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

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Accessories

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

Protective cap

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



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

Screwdriver tools

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

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

Torque tool

Torque screwdriver - TSD 02 SAC - 1208487



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

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Accessories

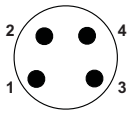
Torque screwdriver - TSD-M 1,2NM - 1212224



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

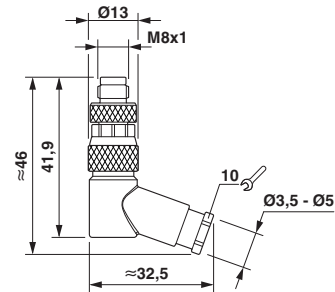
Drawings

Schematic diagram



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

Dimensioned drawing



Socket M8 x 1, angled