

Connector - SACC-M 8MS-3CON-M-0,34-SH - 1542884

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Connector, 3-position, shielded, Plug straight M8, A-coded, Screw connection, Knurl material: Nickel-plated brass, External cable diameter 3.5 mm ... 5.5 mm

Product Features

- 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
- Reliable signal transmission - 360° shielding in environments with electromagnetic interference



Key Commercial Data

| | |
|--------------------------------------|----------|
| Packing unit | 1 pc |
| Weight per Piece (excluding packing) | 30.9 g |
| Custom tariff number | 85366990 |
| Country of origin | Germany |

Technical data

Dimensions

| | |
|---|---|
| External cable diameter | 3.5 mm ... 5.5 mm |
| Stripping length of the sheath | 12 mm +1 mm (Shield diameter \leq 3.5 mm) 18 mm +1 mm (Shield diameter $>$ 3.5 mm) |
| Stripping length of the individual wire | 4 mm |

Ambient conditions

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

General

| | |
|-----------------------|------|
| Rated current at 40°C | 4 A |
| Rated voltage | 60 V |

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Technical data

General

| | |
|-----------------------------|--|
| Number of positions | 3 |
| Insulation resistance | ≥ 100 MΩ |
| Coding | A - standard |
| Standards/regulations | M8 connector IEC 61076-2-104 |
| Status display | No |
| Overvoltage category | II |
| Degree of pollution | 3 |
| Connection method | Screw connection |
| Conductor cross section | 0.14 mm ² ... 0.5 mm ² |
| Conductor cross section AWG | 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

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

Standards and Regulations

| | |
|--|-----------------|
| Standard designation | M8 connector |
| Standards/regulations | IEC 61076-2-104 |
| Flammability rating according to UL 94 | HB |

Classifications

eCl@ss

| | |
|------------|----------|
| eCl@ss 4.0 | 27250313 |
| eCl@ss 4.1 | 27250313 |
| eCl@ss 5.0 | 27143423 |

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Classifications

eCl@ss

| | |
|------------|----------|
| eCl@ss 5.1 | 27143423 |
| eCl@ss 6.0 | 27143423 |
| eCl@ss 7.0 | 27449001 |
| eCl@ss 8.0 | 27440104 |
| eCl@ss 9.0 | 27440102 |

ETIM

| | |
|----------|----------|
| ETIM 3.0 | EC002062 |
| 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 / UL Recognized / cUL Recognized / cULus Recognized

Ex Approvals

Approvals submitted

Approval details


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

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Approvals

| | |
|--------------------------------|------|
| UL Recognized | |
| Nominal current I _N | 4 A |
| Nominal voltage U _N | 60 V |

| | |
|--------------------------------|------|
| cUL Recognized | |
| Nominal current I _N | 4 A |
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| | |
|--|--|
| cULus Recognized  | |
|--|--|

Accessories

Accessories

Cable by the meter

Cable ring - SAC-3P-100,0-PUR/SH-0,25 - 1526525



Cable ring, black halogen-free PUR, 3-pos., shielded, 3 x 0.25 mm², conductor colors: brown/blue/black, cable length: 100 m

Cable ring - SAC-3P-100,0-PUR/SH-0,34 - 1501702



Cable ring, PUR halogen-free black, 3-pos., shielded, conductor colors: Brown/blue/black, cable length: 100 m

Protective cap

Connector - SACC-M 8MS-3CON-M-0,34-SH - 1542884

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



Screwdriver tools

Tool - SACC BIT M8-D12 - 1208474



Nut for assembling M8 connectors for assembly with a longitudinal knurl diameter of 12 mm, 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

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



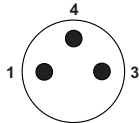
Torque screw driver, accuracy as per EN ISO 6789 standard, adjustable from 0.3 - 1.2 Nm

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Accessories

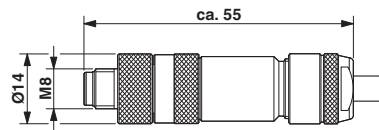
Drawings

Schematic diagram



Pin assignment M8 plug, 3-pos., view male side

Dimensional drawing



Plug M8 x 1, straight, shielded

Mouser Electronics

Authorized Distributor

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