

Connector - SACC-M12FS-4CON-PG 9-SH - 1515170

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Sensor/actuator connector, female, straight, 4-pos., M12, shielded, A-coded, screw connection, metal knurl, cable screw connection Pg9

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

| | |
|------------------|---------------|
| package_quantity | 1 |
| GTIN | 4017918924737 |

Technical data

Dimensions

| | |
|---|---------------|
| External diameter | 6 mm ... 8 mm |
| Stripping length of the sheath | 35 mm |
| Stripping length of the individual wire | 5 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 | 60 V |
| Number of positions | 4 |
| Contact resistance | ≤ 3 mΩ |
| Insulation resistance | ≥ 100 MΩ |
| Coding | A - standard |
| Standards/regulations | M12 connector IEC 61076-2-101 |
| Status display | No |
| Surge voltage category | II |
| Pollution degree | 3 |
| Connection method | Screw connection |
| Conductor cross section | 0.25 mm² ... 0.75 mm² |

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Technical data

General

| | |
|------------------------------------|--|
| AWG conductor cross section | 24 ... 18 |
| Insertion/withdrawal cycles | ≥ 100 |
| Torque | 0.4 Nm (M12 knurl) |
| Torque | 0.2 Nm (Screw terminal blocks) |
| Torque | 0.8 Nm ... 1 Nm (Pressure screw) |
| Tightening torque | Screw plug insert with sleeve housing as far it will go |
| Assembly instructions | The wires can be connected both with ferrules and without ferrules |

Material

| | |
|--|------------------------------|
| Inflammability class according to UL 94 | HB |
| Contact material | CuZn |
| Contact surface material | Au |
| Contact carrier material | PA 66 |
| Material of grip body | Zinc die-cast, nickel-plated |
| 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 | 27143423 |
| eCl@ss 5.1 | 27143423 |
| eCl@ss 6.0 | 27143423 |
| eCl@ss 7.0 | 27449001 |
| eCl@ss 8.0 | 27449001 |

ETIM

| | |
|-----------------|----------|
| ETIM 2.0 | EC001121 |
| 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 |

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approvals

GOST /

Approval details



accessories

Torque tool

TSD 04 SAC - 1208429



TSD-M 1,2NM - 1212224



Screwdriver tools

SACC BIT M12-D20 - 1208445



TSD-M SAC-BIT ADAPTER - 1212600



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accessories

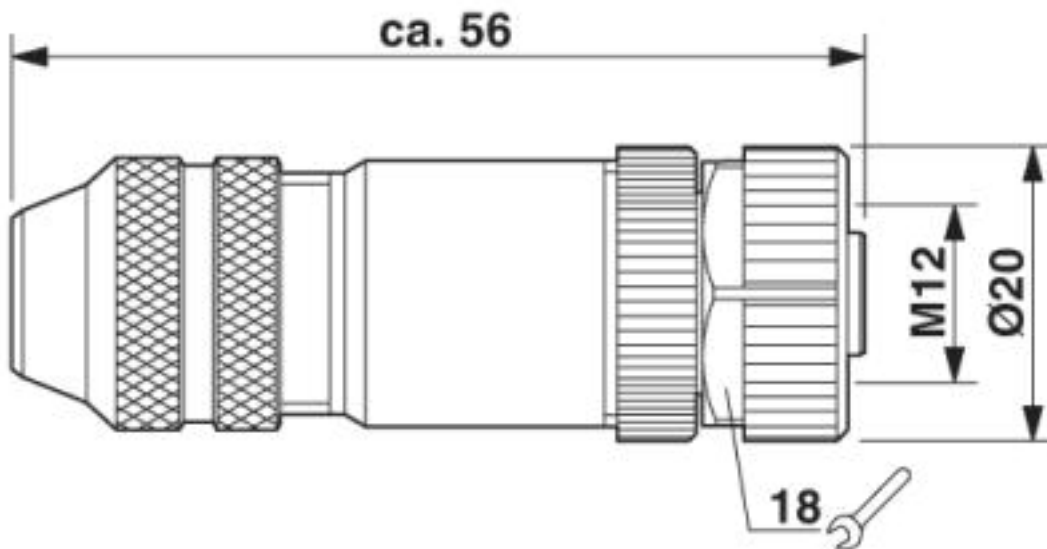
Protective cap

PROT-M12 MS-PA-CHAIN - 1430899



Drawings

Dimensioned drawing



M12 x 1 socket, straight, shielded

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