

Connector - SACC-MS-5SC M SCO - 1432567

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Sensor/actuator connector, male, straight, 5-pos., M12 SPEEDCON, A-coded, spring-cage connection, metal knurl, cable diameter max. 8 mm

Why buy this product

- ✓ Safe use in the field, thanks to a high degree of protection
- ✓ Flexible: connectors for on-site assembly
- ✓ Save time, thanks to installation with SPEEDCON fast locking system
- ✓ Spring-cage connection: connect more securely, even in the case of shock and vibration, thanks to high contact forces



Key commercial data

| | |
|--------------------------------------|---|
| Packing unit | 1 pc |
| GTIN |  4 046356 348157 |
| Weight per Piece (excluding packing) | 22.0 g |
| Custom tariff number | 85366990 |
| Country of origin | Germany |
| Product key | BF2CEA |

Technical data

Dimensions

| | |
|---|---------------|
| External diameter | 4 mm ... 8 mm |
| Stripping length of the sheath | 28 mm |
| Stripping length of the individual wire | 11 mm |

Ambient conditions

| | |
|---------------------------------|----------------------------------|
| Ambient temperature (operation) | -40 °C ... 85 °C (Plug / socket) |
| Degree of protection | IP65 |
| | IP67 |

General

| | |
|-----------------------|-----|
| Rated current at 40°C | 4 A |
|-----------------------|-----|

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Technical data

General

| | |
|-----------------------------|--|
| Rated voltage | 60 V |
| Number of positions | 5 |
| Contact resistance | ≤ 8 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 | Spring-cage connection |
| Conductor cross section | 0.14 mm² ... 0.5 mm² |
| AWG conductor cross section | 26 ... 20 |
| Insertion/withdrawal cycles | ≥ 100 |
| Torque | 0.4 Nm (M12 knurl) |
| | 0.4 Nm (Connector with coupling sleeve) |
| | 1.5 Nm (Pressure nut with coupling sleeve) |

Material

| | |
|---|---------------------|
| Inflammability class according to UL 94 | V0 |
| Contact material | CuSn |
| Contact surface material | Ni/Au |
| Contact carrier material | TPU |
| Material of grip body | PA 66 |
| Material, knurls | Nickel-plated brass |
| Sealing material | NBR |

Classifications

eCl@ss

| | |
|------------|----------|
| eCl@ss 4.0 | 27060306 |
| eCl@ss 4.1 | 27060306 |
| eCl@ss 5.0 | 27061801 |
| eCl@ss 5.1 | 27061801 |
| eCl@ss 6.0 | 27279218 |
| eCl@ss 7.0 | 27279218 |
| eCl@ss 8.0 | 27279218 |

ETIM

| | |
|----------|----------|
| ETIM 3.0 | EC001855 |
| ETIM 4.0 | EC002062 |
| ETIM 5.0 | EC002062 |

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Classifications

UNSPSC

| | |
|---------------|----------|
| UNSPSC 6.01 | 31261501 |
| UNSPSC 7.0901 | 31261501 |
| UNSPSC 11 | 31261501 |
| UNSPSC 12.01 | 31261501 |
| UNSPSC 13.2 | 31261501 |

Approvals

Approvals

Approvals

UL Recognized / cUL Recognized / GOST / cULus Recognized

Ex Approvals

Approvals submitted

Approval details

| | |
|--------------------|-------|
| UL Recognized | |
| Nominal current IN | 4 A |
| Nominal voltage UN | 125 V |

| | |
|--------------------|-------|
| cUL Recognized | |
| Nominal current IN | 4 A |
| Nominal voltage UN | 125 V |

| | |
|------|--|
| GOST | |
|------|--|

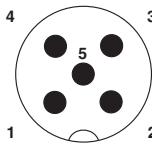
Connector - SACC-MS-5SC M SCO - 1432567

Approvals

cULus Recognized US

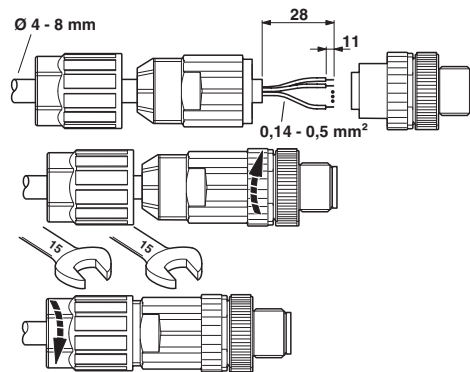
Drawings

Schematic diagram



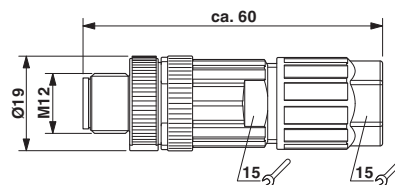
Pin assignment M12 male connector, 5-pos., A-coded, male side

Functional drawing



Strip 28 mm off the cable, 35 mm in the case of the angled version, strip single wires, push the pressure nut onto the cable. Slide the wires through the sleeve housing and connect, screw sleeve housing to the plug insert, screw the pressure nut tight.

Dimensioned drawing



M12 SPEEDCON plug, straight