

Connectors - SACC-M12MS-4QO-0,75-VA - 1440779

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Sensor/actuator connector, male connector, straight, 4-pos., M12, A-encoded, QUICKON-ONE, high-grade steel knurl, maximum cable diameter of 8 mm

Key commercial data

| | |
|------------------------|--|
| Packing unit | 0 |
| Minimum order quantity | 1 |
| Catalog page | Page 218 (PC-2011) |
| GTIN |  4 046356 517010 |
| Custom tariff number | 85366990 |
| Country of origin | GERMANY |

Technical data

General data

| | |
|---------------------------------|--|
| Rated current at 40°C | 4 A |
| Rated voltage | 250 V |
| Number of positions | 4 |
| Volume resistance | ≤ 5 mΩ |
| Insulation resistance | ≥ 100 MΩ |
| Ambient temperature (operation) | -25 °C ... 80 °C (Male connector / female connector) |
| Ambient temperature (operation) | -5 °C ... 50 °C (During assembly) |

General characteristics

| | |
|--------------------------|-------------------------------|
| Standards/regulations | M12 connector IEC 61076-2-101 |
| Coding | A - standard |
| Surge voltage category | II |
| Pollution degree | 3 |
| Degree of protection | IP65/67 |
| Torque | 0.4 Nm (M12 knurl) |
| Torque | 1.2 Nm (Pressure nut) |
| Contact material | CuSn |
| Contact surface material | Ni/Au |
| Contact carrier material | TPU |
| Material of grip body | PA 6 |

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Technical data

General characteristics

| | |
|---|---|
| Material, knurls | High-grade steel |
| Sealing material | Neoprene (Cable clamping) |
| Connection method | Insulation displacement connection |
| Conductor cross section | 0.34 mm ² ... 0.75 mm ² |
| AWG conductor cross section | 22 ... 18 |
| Assembly instructions | AWG 18 wire cross section upon request |
| Wire diameter including insulation | 1.3 mm ... 2.6 mm |
| Frequency of connections between conductors of the same cross section | 10 |
| External cable diameter | 4 mm ... 8 mm |
| Wire insulation material | PVC / PE |
| Wrench size, union nut | 15 mm |
| Structure of individual litz in acc. with VDE 0295 / smallest wire diameter | Class 2-6 |
| Status display | No |

Classifications

eclass

| | |
|------------|----------|
| eCl@ss 4.0 | 272607xx |
| eCl@ss 4.1 | 27260701 |
| eCl@ss 5.0 | 27260701 |
| eCl@ss 5.1 | 27260701 |
| eCl@ss 6.0 | 27279220 |
| eCl@ss 7.0 | 27440103 |

etim

| | |
|----------|----------|
| ETIM 3.0 | EC002061 |
| ETIM 4.0 | EC002061 |

unspsc

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

Approvals

Approvals

Approvals

GOST

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Approvals

Ex Approvals

Approvals submitted

Approval details

GOST 

Accessories

Accessories

Tools

Socket wrench - QSS 15 - 1641992



Allen wrench, for loosening and fastening the QUICKON union nut, WAF 15 mm

Torque screwdriver - TSD 04 SAC - 1208429



Torque screwdriver, with preset torque of 0.4 Nm and 4 mm hexagonal drive for M12 connectors

Adapter - SAC BIT M12-W14 - 1212513



SAC nut, for assembling M12 connectors with hexagonal high-grade steel knurl, with 4 mm hexagonal drive

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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

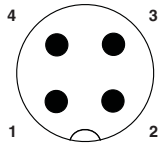
Adapter insert - TSD-M SAC-BIT ADAPTER - 1212600



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

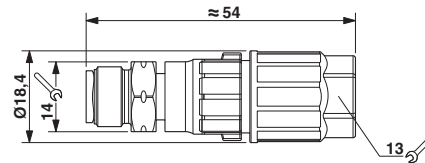
Drawings

Schematic diagram



Pin assignment M12 plug, 4-pos., A-coded, view plug side

Dimensioned drawing



M12 plug, straight,
QUICKON connection: 0.34 mm² ... 0.75 mm²