

Connectors - SACC-M12MS-4QO-0,34-VA - 1440753

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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 6 mm

Key commercial data

Packing unit	0
Minimum order quantity	1
Catalog page	Page 218 (PC-2011)
GTIN	 4 046356 517034
Custom tariff number	85366990
Country of origin	GERMANY

Technical data

General data

Rated current at 40°C	4 A
Rated voltage	125 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	0.8 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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General characteristics

Material, knurls	High-grade steel
Sealing material	Neoprene (Cable clamping)
Connection method	Insulation displacement connection
Conductor cross section	0.14 mm² ... 0.34 mm²
AWG conductor cross section	26 ... 22
Assembly instructions	AWG 20 conductor cross section upon request
Wire diameter including insulation	0.7 mm ... 1.6 mm
Frequency of connections between conductors of the same cross section	10
External cable diameter	3.5 mm ... 6 mm
Wire insulation material	PVC / PE
Wrench size, union nut	13 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

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GOST

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Approvals

Ex Approvals

Approvals submitted

Approval details



Accessories

Accessories

Tools

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

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

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

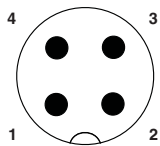
Tool - SAC BIT QUICKON-W13 - 1212033



Nut for assembling QUICKON pressure nuts with 13 mm wrench size, for 4 mm hexagonal drive

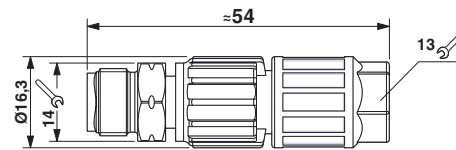
Drawings

Schematic diagram



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

Dimensioned drawing



M12 plug, straight,
QUICKON connection: 0.14 mm² ... 0.34 mm²