

## Plug-in connector - SACC-M12MS-4QO-0,34-VA - 1440753

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Sensor/actuator connector, male connector, straight, 4-pos., M12, A-coded, QUICKON-ONE, high-grade steel knurl, maximum cable diameter of 6 mm

### Product Features

- ✓ Safe use in the field, thanks to a high degree of protection
- ✓ Flexible: plug-in connectors for on-site assembly
- ✓ Insulation displacement connection: innovative and time-saving assembly without stripping the single wire



### Key commercial data

Packing unit	1 PCE
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 (Plug / socket)
Ambient temperature (assembly)	-5 °C ... 50 °C (During assembly)

#### General characteristics

Standards/regulations	M12 plug-in connector IEC 61076-2-101
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### Technical data

#### General characteristics

Coding	A - standard
Surge voltage category	II
Pollution degree	3
Degree of protection	IP65/67
Insertion/withdrawal cycles	≥ 100
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
Material, knurls	High-grade steel
Sealing material	Neoprene (Cable clamping)
Connection method	Insulation displacement connection
Conductor cross section	0.14 mm <sup>2</sup> ... 0.34 mm <sup>2</sup>
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

#### ETIM

ETIM 3.0	EC002061
ETIM 4.0	EC002061
ETIM 5.0	EC002061

#### UNSPSC

UNSPSC 11	31261501
UNSPSC 12.01	31261501
UNSPSC 13.2	31261501
UNSPSC 6.01	31261501

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## Classifications

### UNSPSC

UNSPSC 7.0901	31261501
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### eCl@ss

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

## Approvals

### Approvals

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Approvals

GOST / GL

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Ex Approvals

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Approvals submitted

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### Approval details

GOST 
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GL
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## Accessories

Accessories

Tools

## Plug-in connector - SACC-M12MS-4QO-0,34-VA - 1440753

### Accessories

Torque screwdriver - TSD 04 SAC - 1208429



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

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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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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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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

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Tool - SAC BIT QUICKON-W13 - 1212033



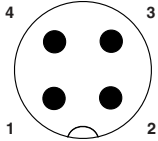
Nut for assembling QUICKON pressure nuts with 13 mm wrench size, for 4 mm hexagonal drive

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### Drawings

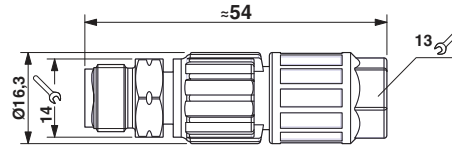
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Schematic diagram



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

Dimensioned drawing



M12 plug, straight,  
QUICKON connection: 0.14 mm<sup>2</sup> ... 0.34 mm<sup>2</sup>