

## Connector - SACC-M12FS-4CON-PG7 - 1681114

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Sensor/actuator connector, female, straight, 4-pos., M12, A-coded, screw connection, plastic knurl, cable screw connection Pg7

### Why buy this product

- ✓ 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



### Key commercial data

Packing unit	1 pc
GTIN	 4 017918 157463
Weight per Piece (excluding packing)	14.3 g
Custom tariff number	85366990
Country of origin	Germany
Product key	BF2CAA

### Technical data

#### Dimensions

External diameter	4 mm ... 6 mm
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#### 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	250 V
Number of positions	4
Contact resistance	≤ 8 mΩ
Insulation resistance	≥ 100 MΩ
Coding	A - standard

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## Technical data

### General

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 mm <sup>2</sup> ... 0.75 mm <sup>2</sup>
AWG conductor cross section	24 ... 18
Insertion/withdrawal cycles	≥ 100
Torque	0.4 Nm (M12 knurl)
	0.2 Nm (Screw terminal blocks)
	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	CuSnZn
Contact carrier material	PA 66
Material of grip body	PBT
Material, knurls	Plastic
Sealing material	NBR

## Classifications

### eCl@ss

eCl@ss 4.0	27140815
eCl@ss 4.1	27140815
eCl@ss 5.0	27260701
eCl@ss 5.1	27260701
eCl@ss 6.0	27279221
eCl@ss 7.0	27440104
eCl@ss 8.0	27440104

### ETIM

ETIM 2.0	EC001121
ETIM 3.0	EC002062
ETIM 4.0	EC002062
ETIM 5.0	EC002062

### UNSPSC

UNSPSC 6.01	31251501
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## Classifications

### UNSPSC

UNSPSC 7.0901	31251501
UNSPSC 11	31251501
UNSPSC 12.01	31251501
UNSPSC 13.2	31251501

## Approvals

### Approvals

Approvals

GOST / GOST / UL Recognized / cUL Recognized / cULus Recognized

Ex Approvals

Approvals submitted

### Approval details

GOST

GOST

UL Recognized

Nominal current IN	4 A
Nominal voltage UN	250 V

cUL Recognized

Nominal current IN	4 A
Nominal voltage UN	250 V

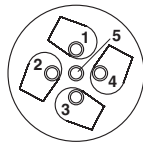
# Connector - SACC-M12FS-4CON-PG7 - 1681114

## Approvals

cULus Recognized US

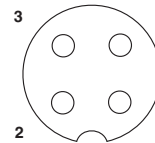
## Drawings

Schematic diagram



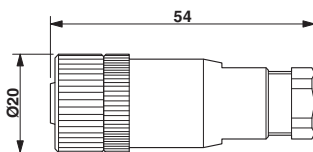
Cable connection side M12 (screw connection)

Schematic diagram



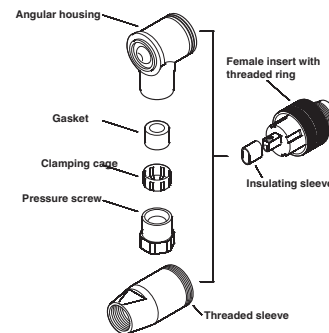
Pin assignment M12 socket, 4-pos., A-coded, view female side

Dimensioned drawing



M12 x 1 socket, straight

Schematic diagram



Male/Female M12