

# SACC-FS-4CON-PG 7-M SCO - Connector



1543029

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Connector, Universal, 4-position, Socket straight M12 SPEEDCON, A, Screw connection, knurl material: Nickel-plated brass, cable gland Pg7, external cable diameter 4 mm ... 6 mm

## Your advantages

- Safe use in the field, thanks to a high degree of protection
- Save time, thanks to installation with SPEEDCON fast locking system
- Screw connection: proven connection technology for a large selection of different conductors

## Commercial Data

Item number	1543029
Packing unit	1 pc
Minimum order quantity	1 pc
Sales Key	BF2
Product Key	BF2CAA
Catalog Page	Page 20 (C-2-2017)
GTIN	4046356097611
Weight per Piece (including packing)	25.69 g
Weight per Piece (excluding packing)	25.18 g
Customs tariff number	85366990
Country of origin	DE

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## Technical Data

### Notes

Assembly instruction:

**NOTE:** Observe the permissible bending radii when laying conductors, since the degree of protection may be put in jeopardy if the bending forces are too high. Alleviate mechanical loads upstream of the connector, e.g. by using cable ties.

### Mounting

Connection method

Screw connection

### Product properties

Product type

Circular connector (cable-side)

Number of positions

4

Sensor type

Universal

No. of cable outlets

1

Shielded

no

Coding

A

Cable outlet

straight

Pg screw connection

Pg7

### Insulation characteristics

Overvoltage category

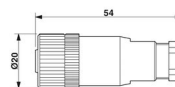
II

Degree of pollution

3

### Dimensions

Dimensional drawing



Length

54 mm

### External dimensions

Outside diameter

4 mm ... 6 mm

### Housing

Diameter housing

20 mm

### Material specifications

Flammability rating according to UL 94

HB

Seal material

NBR

Material of grip body

PBT

Contact material

CuZn

Contact surface material

CuSnZn

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Contact carrier material	PA
Material for screw connection	Nickel-plated brass

## Connection data

### Conductor connection

Connection method	Screw connection
Connection cross section	0.25 mm <sup>2</sup> ... 0.75 mm <sup>2</sup> (without ferrule)
	0.14 mm <sup>2</sup> ... 0.75 mm <sup>2</sup> (with ferrule)
	0.25 mm <sup>2</sup> ... 0.75 mm <sup>2</sup> (solid)
Connection cross section AWG	24 ... 18 (without ferrule)
	26 ... 20 (with ferrule)
Stripping length of the individual wire	5 mm
Tightening torque	0.4 Nm (M12 knurl)
	0.2 Nm (Screw terminal blocks)
	0.8 Nm ... 1 Nm (Pressure screw with sleeve housing)

## Electrical properties

Min. AWG, flexible, multi-strand	24
Rated surge voltage	2.5 kV
Contact resistance	≤ 8 mΩ
Insulation resistance	≥ 100 MΩ
Nominal voltage U <sub>N</sub>	250 V AC
	250 V DC
Nominal current I <sub>N</sub>	4 A

## Mechanical properties

### Mechanical data

Insertion/withdrawal cycles	≥ 100
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## Connector

### Connection 1

Head design	Socket
Head cable outlet	straight
Head thread type	M12
Head locking type	SPEEDCON
Coding	A

## Cable/line

Signal type/category	Universal
Stripping length of the individual wire	5 mm

## Environmental and real-life conditions

### Ambient conditions

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

## Standards and regulations

Standards/specifications	IEC 61076-2-101
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