

# SACC-MINMS-4CON-PG 9 - Connector



1521326

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Connector, Universal, 4-position, Plug straight 7/8"-16UNF, A, Screw connection, knurl material: Zinc die-cast, nickel-plated, cable gland Pg9, external cable diameter 6 mm ... 8 mm, Contact 4 leading

## Your advantages

- Safe use in the field, thanks to a high degree of protection
- Screw connection: proven connection technology for a large selection of different conductors

## Commercial Data

Item number	1521326
Packing unit	1 pc
Minimum order quantity	1 pc
Sales Key	BF2
Product Key	BF2FAA
Catalog Page	Page 25 (C-2-2017)
GTIN	4017918949556
Weight per Piece (including packing)	52.96 g
Weight per Piece (excluding packing)	43.5 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

Assembly instructions	The wires can be connected both with ferrules and without ferrules
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
Pg screw connection	Pg9

### Insulation characteristics

Overvoltage category	III
Degree of pollution	3

### Dimensions

Dimensional drawing	
Length	83 mm

### External dimensions

Outside diameter	6 mm ... 8 mm
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### Housing

Diameter housing	27 mm
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### Material specifications

Flammability rating according to UL 94	HB
Material of grip body	PBT
Contact material	CuZn
Contact surface material	Au
Contact carrier material	PUR/PA 6.6
Material for screw connection	Zinc die-cast, nickel-plated

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## Connection data

### Conductor connection

Connection method	Screw connection
Connection cross section	0.34 mm <sup>2</sup> ... 1.5 mm <sup>2</sup> (without ferrule)
	0.34 mm <sup>2</sup> ... 1.5 mm <sup>2</sup> (with ferrule)
	0.34 mm <sup>2</sup> ... 1.5 mm <sup>2</sup> (solid)
Connection cross section AWG	22 ... 16 (without ferrule)
	22 ... 16 (with ferrule)
Stripping length of the individual wire	7 mm
Tightening torque	0.8 Nm (7/8" connectors)
	0.4 Nm (Screw terminal blocks)
	0.8 Nm ... 1 Nm (Pressure screw)

## Electrical properties

Min. AWG, flexible, multi-strand	22
Rated surge voltage	4 kV
Contact resistance	≤ 5 mΩ
Insulation resistance	≥ 100 MΩ
Nominal voltage U <sub>N</sub>	300 V AC
	300 V DC
Nominal current I <sub>N</sub>	9 A

## Mechanical properties

### Mechanical data

Insertion/withdrawal cycles	≥ 100
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## Connector

### Connection 1

Head design	Plug
Head cable outlet	straight
Head thread type	7/8"-16UNF
Coding	A

## Cable/line

Signal type/category	Universal
Stripping length of the individual wire	7 mm

## Environmental and real-life conditions

### Ambient conditions

Degree of protection	IP67
Ambient temperature (operation)	-25 °C ... 85 °C (Plug / socket)

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