

SACC-FS-4QO-0,34-M SCO - Connector



1521588

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Connector, Universal, 4-position, Socket straight M12 SPEEDCON, A, Insulation displacement connection, knurl material: Zinc die-cast, nickel-plated, external cable diameter 3.5 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
- Insulation displacement connection: innovative and time-saving assembly without stripping the single wire

Commercial Data

Item number	1521588
Packing unit	1 pc
Minimum order quantity	1 pc
Sales Key	BF2
Product Key	BF2CCA
Catalog Page	Page 201 (C-6-2019)
GTIN	4017918953058
Weight per Piece (including packing)	14.7 g
Weight per Piece (excluding packing)	14.6 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

AWG 20 conductor cross section upon request

Product properties

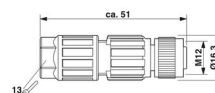
Product type	Circular connector (cable-side)
Number of positions	4
No. of cable outlets	1
Shielded	no
Coding	A
Cable outlet	straight

Insulation characteristics

Overvoltage category	III
Degree of pollution	3

Dimensions

Dimensional drawing



Length

51 mm

Wrench size, union nut

13 mm

External dimensions

Outside diameter

3.5 mm ... 6 mm

Housing

Diameter housing

16.3 mm

Material specifications

Color Handle area	black
Flammability rating according to UL 94	V0
Seal material	NBR
Material of grip body	PA 6
Contact material	CuSn
Contact surface material	Ni/Au

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Contact carrier material	TPU
Material for screw connection	Zinc die-cast, nickel-plated
Wire insulation material	PVC / PE / PP / rubber

Connection data

Conductor connection

Connection method	Insulation displacement connection
Connection cross section	0.14 mm ² ... 0.34 mm ²
Connection cross section AWG	26 ... 22
Tightening torque	0.4 Nm (M12 knurl)
	1.2 Nm (Pressure nut)

Pin assignment

Contact Color (signal designation) Contact (optional)	1 = BN
	2 = WH
	3 = BU
	4 = BK

Electrical properties

Rated surge voltage	2.5 kV
Contact resistance	≤ 5 mΩ
Insulation resistance	≥ 100 MΩ
Nominal voltage U _N	125 V AC
	125 V DC
Nominal current I _N	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
External cable diameter	3.5 mm ... 6 mm

Environmental and real-life conditions

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Ambient conditions

Degree of protection	IP65
	IP67
Ambient temperature (operation)	-25 °C ... 80 °C (Plug / socket)
Ambient temperature (assembly)	-5 °C ... 50 °C (During assembly)

Standards and regulations

Standards/specifications	according to IEC 61076-2-101
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