

## Connector - SACC-M12FS-5CON-PG 9-VA - 1553271

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Sensor/actuator connector, female, straight, 5-pos., M12, screw connection, high-grade steel knurl, cable screw connection Pg9

### 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 046356 170192
Weight per Piece (excluding packing)	27.9 g
Custom tariff number	85366990
Country of origin	Germany
Product key	BF2CAA

### Technical data

#### Dimensions

External cable diameter	6 mm ... 8 mm
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#### Ambient conditions

Ambient temperature (operation)	-40 °C ... 85 °C
Degree of protection	IP65
	IP67
	IP69K

#### General

Rated current at 40°C	4 A
Rated voltage	60 V
Number of positions	5

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## Technical data

### General

Insulation resistance	≥ 100 MΩ
Coding	A - standard
Standards/regulations	M12 connector IEC 61076-2-101
Status display	No
Overvoltage category	II
Degree of pollution	3
Connection method	Screw connection
Conductor cross section	0.25 mm <sup>2</sup> ... 0.75 mm <sup>2</sup>
Conductor cross section AWG	24 ... 18
Insertion/withdrawal cycles	≥ 100
Torque	0.8 Nm ... 1 Nm (Pressure screw)
	0.2 Nm (Screw terminal blocks)
	0.4 Nm (M12 knurl)
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

Flammability rating according to UL 94	V0
Contact material	CuZn
Contact surface material	Au
Contact carrier material	PA 66
Material of grip body	PA
Material, knurls	Stainless steel
Sealing material	NBR

### Standards and Regulations

Standard designation	M12 connector
Standards/regulations	IEC 61076-2-101
Connection in acc. with standard	CUL
Flammability rating according to UL 94	V0

## 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
eCl@ss 9.0	27440102

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## Classifications

### ETIM

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

### UNSPSC

UNSPSC 6.01	31251501
UNSPSC 7.0901	31251501
UNSPSC 11	31251501
UNSPSC 12.01	31251501
UNSPSC 13.2	31251501

## Approvals

### Approvals

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#### Approvals

UL Recognized / cUL Recognized / EAC / EAC

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#### Ex Approvals

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#### Approvals submitted

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### Approval details

UL Recognized
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cUL Recognized
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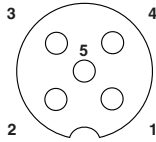
EAC
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EAC
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## Drawings

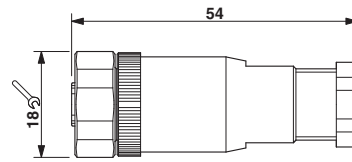
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Schematic diagram



Pin assignment M12 socket, 5-pos., A-coded,  
socket side view

Dimensional drawing



M12 x 1 socket, straight