

## Flush-type connector - SACC-EC-FS-4CON-M16/2,0 SCO - 1446359


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Sensor/actuator flush-type socket, 4-pos., M12 SPEEDCON, A-coded, front/screw mounting with M16 thread, can be positioned, with 2.0 m TPE litz wire, 4 x 0.34 mm<sup>2</sup>



### Key commercial data

Packing unit	1 pc
Minimum order quantity	50 pc
GTIN	 4 046356 628433
Weight per Piece (excluding packing)	50.0 g
Custom tariff number	85444290
Country of origin	Germany

### Technical data

#### Dimensions

Length of cable	2 m
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#### Ambient conditions

Degree of protection	IP67
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#### General

Rated current at 40°C	4 A
Rated voltage	250 V
Number of positions	4
Contact resistance	≤ 3 mΩ
Insulation resistance	≥ 100 MΩ
Coding	A - standard
Standards/regulations	M12 connector IEC 61076-2-101
Signal type/category	Universal
Status display	No
Surge voltage category	II

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## Technical data

### General

Pollution degree	3
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### Material

Inflammability class according to UL 94	V0
Contact material	CuZn
Contact surface material	Au
Contact carrier material	PA 66
Material, knurls	Zinc die-cast, nickel-plated

### Cable

Cable type	TPE litz wire
Conductor cross section	0.34 mm <sup>2</sup>
AWG signal line	22
Conductor structure signal line	7x 0.25 mm
Core diameter including insulation	1.2 mm ±0.07 mm
Thickness, insulation	0.21 mm (Core insulation)
Wire colors	brown, white, blue, black
Material conductor insulation	TPE
Conductor material	Tin-plated Cu litz wires
Insulation resistance	≥ 20 MΩ*km
Conductor resistance	≤ 57.6 mΩ/m
Nominal voltage, cable	300 V
Test voltage, cable	2000 V AC

## Classifications

### eCl@ss

eCl@ss 4.0	27250313
eCl@ss 4.1	27250313
eCl@ss 5.0	27143423
eCl@ss 5.1	27143423
eCl@ss 6.0	27143423
eCl@ss 7.0	27449001
eCl@ss 8.0	27449001

### ETIM

ETIM 4.0	EC002062
ETIM 5.0	EC002061

### UNSPSC

UNSPSC 6.01	31251501
UNSPSC 7.0901	31251501

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## Classifications

### UNSPSC

UNSPSC 11	31251501
UNSPSC 12.01	31251501
UNSPSC 13.2	31251501

## Approvals

### Approvals

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#### Approvals

UL Recognized

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#### Ex Approvals

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#### Approvals submitted

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## Approval details

UL Recognized 	
mm <sup>2</sup> /AWG/kcmil	26-20
Nominal current I <sub>N</sub>	4 A
Nominal voltage U <sub>N</sub>	250 V

## Accessories

### Accessories

#### Flat nut

Flat nut - SACC-E-MU-M16 - 1504097

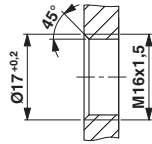


Flat nut with M16 thread

## Drawings

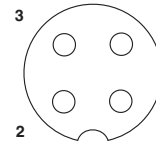
# Flush-type connector - SACC-EC-FS-4CON-M16/2,0 SCO - 1446359

Dimensioned drawing



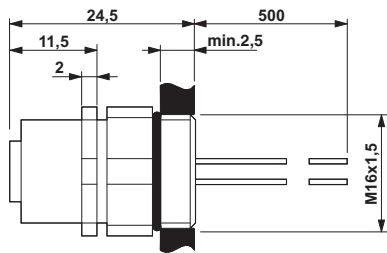
Housing cutout for M16 fastening thread, mounting panel with thread

Schematic diagram



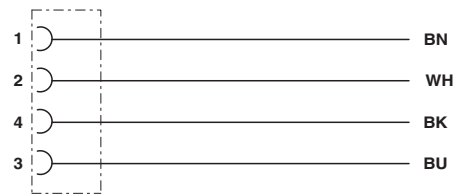
Pin assignment M12 socket, 4-pos., A-coded, view female side

Dimensioned drawing



M12 flush-type socket, can be positioned

Circuit diagram



Contact assignment of the M12 socket