

## Flush-type connector - SACCBP-MS-5CON-M16/1,0-PUR SCO - 1419409

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Flush-type plug, shielded, 5-pos., M12, A-coded, rear/screw mounting with M16 thread, with 1 m cable, 5 x 0.34 mm<sup>2</sup>



### Key commercial data

Packing unit	1 1
Weight per Piece (excluding packing)	80.0 GRM
Custom tariff number	85444290
Country of origin	Germany

### Technical data

#### Dimensions

Length of cable	1 m
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#### Ambient conditions

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

#### General

Rated current at 40°C	4 A
Rated voltage	60 V
Number of positions	5
Contact resistance	≤ 3 mΩ
Insulation resistance	≥ 100 MΩ
Coding	A - standard
Standards/regulations	M12 connector IEC 61076-2-101
Status display	No
Surge voltage category	II

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## Technical data

### General

Pollution degree	3
Mounting type	Rear mounting M16 x 1.5 With flat nut

### 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
Sealing material	NBR

### Cable

Cable type	PUR halogen-free black
Cable abbreviation	Li9Y-V1-C-V1-11Y
AWG signal line	22
Wire colors	Brown, white, blue, black, gray
Overall twist	5 wires around filler to the core
Shielding	Braided copper wires
Optical shield covering	85 %
External sheath, color	Black-gray RAL 7021
External cable diameter	5.90 mm
Cable weight	48 kg/km
Outer sheath, material	PUR
Material, filler	PE
Conductor material	Bare Cu litz wires
Ambient temperature (operation)	-30 °C ... 85 °C (cable, fixed installation)

## Classifications

### eCl@ss

eCl@ss 4.0	27140815
eCl@ss 4.1	27140815
eCl@ss 5.0	27143423
eCl@ss 5.1	27143423
eCl@ss 6.0	27279220
eCl@ss 7.0	27440103
eCl@ss 8.0	27440103

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## Classifications

### ETIM

ETIM 2.0	EC001297
ETIM 3.0	EC002061
ETIM 4.0	EC002061
ETIM 5.0	EC002061

### UNSPSC

UNSPSC 6.01	31251501
UNSPSC 7.0901	31251501
UNSPSC 11	31251501
UNSPSC 12.01	31251501
UNSPSC 13.2	39121413

## Approvals

### Approvals

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### Approvals

### GOST / GOST

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### Ex Approvals


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### Approvals submitted

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## Approval details

GOST 
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## Accessories

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## Accessories

Plug for cable screw gland

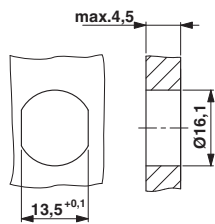
Screw plug - SACC-M16-SEALING PLUG SET - 1453368



M16 screw plug for unused M12 housing cutouts

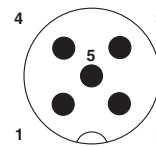
## Drawings

Dimensioned drawing



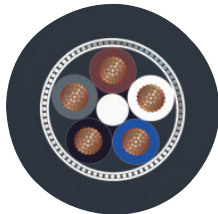
Housing cutout for M16 fastening thread, mounting panel with feed-through hole (alternatively with surface as protection against rotation)

Schematic diagram



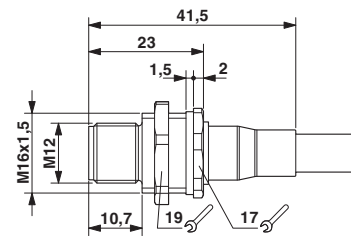
Pin assignment M12 connector, 5-pos., A-coded, socket side view

Cable cross section



PUR halogen-free black shielded [PUR]

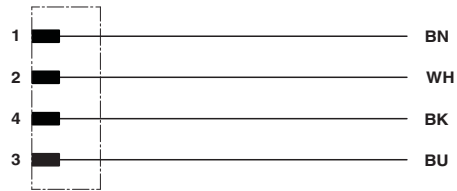
Dimensioned drawing



M12 flush-type connector

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Circuit diagram



Contact assignment of the M12 plugs