

# SACB-C-H180-4/ 4-10,0PUR SCO P - Connector hood



1453067

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Connector hood, application: Sensor/actuator box, connection method: M12-SPEEDCON-socket Plastic, number of slots: 4, slot assignment: single, status display: No; master cable connection: Pluggable screw connection 180°, PUR/PVC, cable length: 10 m, shielding: no

## Commercial data

Item number	1453067
Packing unit	1 pc
Note	Made to order (non-returnable)
Sales key	BF41
Product key	BF3CBG
Catalog page	Page 269 (C-2-2017)
GTIN	4046356553148
Weight per piece (including packing)	818.6 g
Weight per piece (excluding packing)	818.6 g
Customs tariff number	85444290
Country of origin	PL

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## Technical data

### Product properties

Product type	Connector hood
Application	Sensor/actuator box
Number of slots	4
LED	no

### Electrical properties

Nominal voltage $U_N$	120 V
Rated current, total	10 A
Max. current carrying capacity per path	2 A
Current carrying capacity per slot	4 A

### Connection data

#### Conductor connection

Sensor/actuator connection system	M12-SPEEDCON-socket
Connection method	Pluggable screw connection
Tightening torque, cover screw	1 Nm

#### Pin assignment

Slot/position = Wire color or connection	1 / 4 (A) = WH
	2 / 4 (A) = GN
	3 / 4 (A) = YE
	4 / 4 (A) = GY
	1-4 / 1 (+ 120 V) = BN
	1-4 / 3 (0 V) = BU
	1-4 / 5 (PE) = GNYE

### Signaling

Status display present	No
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### Dimensions

Width	54 mm
Height	25 mm
Length	34 mm

### Material specifications

Material Housing	PBT
Seal material	NBR
Material of contact, master cable side	CU alloy
Material of the contact carrier on the master cable side	PA
Material of contact surface, master cable side	Sn

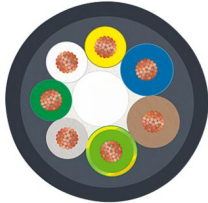
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## Cable/line

Cable length	10 m
PUR/PVC black [PUR]	
Dimensional drawing	
Cable weight	77.9 kg/km
UL AWM Style	20549
Number of positions	7
Shielded	no
Cable type	PUR/PVC black [PUR]
Conductor structure signal line	19x 0.15 mm
AWG signal line	22
Conductor structure, voltage supply	42x 0.15 mm
AWG power supply	18
Conductor cross section	4x 0.34 mm <sup>2</sup> (Signal line) 3x 0.75 mm <sup>2</sup> (power line)
Wire diameter incl. insulation	1.3 mm ±0.1 mm (Signal line) 1.8 mm ±0.1 mm (power line)
External cable diameter	6.90 mm ±0.2 mm
Outer sheath, material	PUR
External sheath, color	black RAL 9005
Conductor material	Bare Cu litz wires
Material wire insulation	PVC
Single wire, color	brown, blue, green/yellow, white, green, yellow, gray
Inner sheath thickness	≥ 0.15 mm
Thickness, outer sheath	≥ 0.38 mm
Overall twist	Wires twisted in layers
Nominal voltage, cable	300 V
Test voltage	2000 V
Minimum bending radius, fixed installation	7.5 x D
Minimum bending radius, flexible installation	10 x D
Smallest bending radius, fixed installation	52 mm
Smallest bending radius, movable installation	69 mm
Dynamic load capacity (bending)	Max. bending cycles: 1500000, Bending radius: 69 mm, Traversing path: 2 m, Traversing rate: 2 m/s
Flame resistance	DIN EN 50265
Resistance to oil	according to VDE 0472 Part 803

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Other resistance	Highly resistant to acids, alkaline solutions and solvents
Special properties	Silicone-free
Ambient temperature (operation)	-40 °C ... 90 °C (cable, fixed installation)
	-5 °C ... 80 °C (Cable, flexible installation)
	80 °C (in acc. with UL)

## Environmental and real-life conditions

### Ambient conditions

Degree of protection	IP65
	IP67
Ambient temperature (operation)	-25 °C ... 80 °C

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## Classifications

### ECLASS

ECLASS-11.0	27440108
ECLASS-13.0	27440108

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