SACB-C-H180-8/16 SCO P - Connector hood

1453229

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Connector hood with integrated connector, for M12 sensor/actuator boxes with SPEEDCON plastic thread and plug-in screw connection, for 4, 6 or 8 slots

Commercial data

Item number	1453229
Packing unit	1 pc
Minimum order quantity	1 pc
Product key	BF3CBG
Catalog page	Page 263 (C-2-2019)
GTIN	4046356553452
Weight per piece (including packing)	60.7 g
Weight per piece (excluding packing)	46.2 g
Customs tariff number	85366990
Country of origin	DE

Technical data

Notes

General	For details about the PCB connectors used, refer to the technical data for MC 1,5/10-STF-3,5 (1847204)
General	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.

Product properties

Product type	Connector hood
Application	Sensor/actuator box
Number of slots	8
Coding	A
LED	No

Electrical properties

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

Connection data

Conductor connection

Connection method	Pluggable screw connection
Tightening torque, cover screw	1 Nm

Pin assignment

Slot/position = Wire color or connection	1 / 4 (A) = 1 / 4 = WH
	1 / 2 (B) = 1 / 2 = GYPK
	2 / 4 (A) = 2 / 4 = GN
	2 / 2 (B) = 2 / 2 = RDBU
	3 / 4 (A) = 3 / 4 = YE
	3 / 2 (B) = 3 / 2 = WHGN
	4 / 4 (A) = 4 / 4 = GY
	4 / 2 (B) = 4 / 2 = BNGN
	5 / 4 (A) = 5 / 4 = PK
	5 / 2 (B) = 5 / 2 = WHYE
	6 / 4 (A) = 6 / 4 = RD
	6 / 2 (B) = 6 / 2 = YEBN
	7 / 4 (A) = 7 / 4 = BK
	7 / 2 (B) = 7 / 2 = WHGY
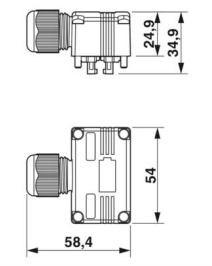
8 / 4 (A) = 8 / 4 = VT	
8 / 2 (B) = 8 / 2 = GYBN	
1-8 / 1 (+ 120 V) = U_N = BN	
1-8 / 3 (0 V) = 0 V = BU	
1-8 / 5 (PE) = PE = GNYE	

Signaling

Status display present	No

Dimensions

Dimensional drawing	
Width	54 mm
Height	25 mm
Length	34 mm

Material specifications

Material Housing	PBT
Flammability rating according to UL 94	V0
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

Cable/line

External cable diameter ()	7 mm ... 12 mm
Connection method	Pluggable screw connection

Environmental and real-life conditions

Ambient conditions

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

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Drawings

Dimensional drawing
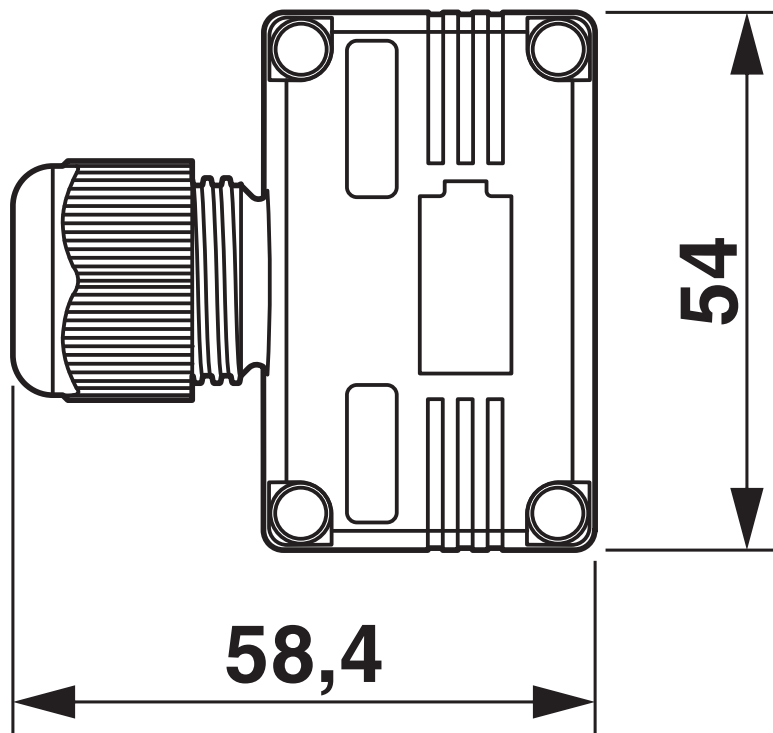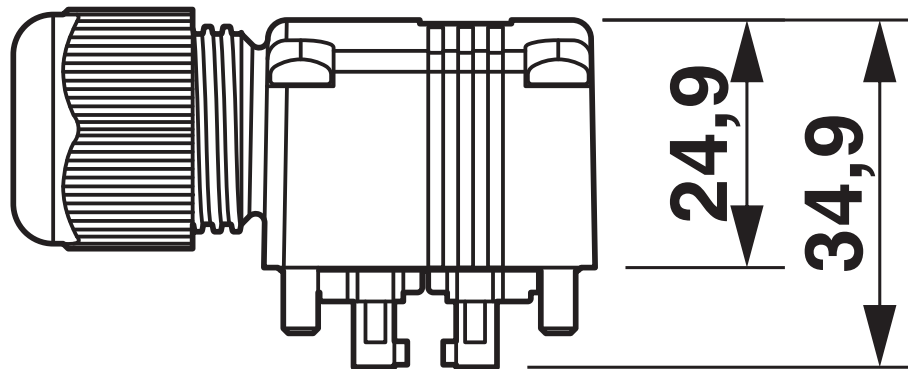
Approvals

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Classifications

ECLASS

ECLASS-11.0	27440111
ECLASS-12.0	27440111
ECLASS-13.0	27440111

ETIM

ETIM 9.0	EC003558

UNSPSC

UNSPSC 21.0	31251500

Environmental product compliance

China RoHS	Environmentally friendly use period: unlimited = EFUP-e
	No hazardous substances above threshold values