


SACB-C-H180-6/ 6- 5,0PUR SCO

Order No.: 1516551



Connector hood, Connection method: M12-SPEEDCON-socket,
Number of slots: 6, Slot assignment: Single, Status indication: No;
Master cable connection: Pluggable screw connection 180°, PUR/
PVC, Cable length: 5 m, Shielding: No

Commercial data

EAN	 4 017918 967345
Note	Made-to-order
Pack	1
Customs tariff	85445190
Country of Origin	DE
Catalog page information	Page 183 (PC-2011)

Product notes

WEEE/RoHS-compliant since:
28/03/2006



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Technical data**General data**

Rated voltage	120 V
Current carrying capacity per I/O signal	2 A
Total rated current	10 A
Number of slots	6

Degree of protection	IP65/IP67/IP69K
Ambient temperature (operation)	-30 °C ... 80 °C
Sensor/actuator connection system	M12-SPEEDCON-socket

Master cable data

Connection method	Pluggable screw connection
Length of cable	5 m
Cable type	Master cable suitable for flexible cable conduit
Signal line cross section	6x 0.34 mm ²
AWG signal line	22
Conductor structure signal line	42x 0.10 mm
Power supply cross section	3x 0.75 mm ²
AWG power supply	18
Conductor structure, voltage supply	96x 0.10 mm
External diameter	8.7 mm
Max. bending cycles	1500000
Bending radius	90 mm
Traversing path	2 m
Traversing rate	2 m/s
Ambient temperature (operation)	-40 °C ... 90 °C (for fixed installation)
	-5 °C ... 80 °C (for flexible installation)
Tightening torque, cover screw	0.35 Nm
Tightening torque, union nut	2.5 Nm

Insulation material

Housing material	PBT
Material of contact, master cable side	CU alloy
Material of contact surface, master cable side	Gold-plated
Material of the contact carrier on the master cable side	PA

Pin assignment

Slot/position = Wire color or connection	1 / 4 (A) = WH
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	2 / 4 (A) = GN
	3 / 4 (A) = YE
	4 / 4 (A) = GY
	5 / 4 (A) = PK
	6 / 4 (A) = RD
	1-6 / 1 (+ 120 V) = BN
	1-6 / 3 (0 V) = BU
	1-6 / 5 (PE) = GN/YE

Certificates



Certification

CUL, UL

Accessories

Item	Designation	Description
General		
1503331	SACB- 6X0,34/ 3X0,75-50,0 PUR	Master cable for sensor/actuator boxes, with PE conductor, unshielded, material PUR/PVC, 9-pos., 6 x 0.34 mm ² and 3 x 0.75 mm ²
1516742	SACB-6/ 6-L-C GG SCO	Sensor/actuator box header, Connection method: M12-SPEEDCON-socket, Number of slots: 6, Number of positions: 4, Slot assignment: Single, Status indication: Yes, pnp; Master cable connection: Pluggable screw connection, Shielding: No
0824468	SS-ZB 17,5 WH CUS	Marker, can be labeled as per customer request
0804976	SS-ZB 17,5 YE	Contactormarker Zack strip, unprinted: 5-section, for snapping into equipment and components with special marker carrier, can be labeled with M-PEN, CMS system or label BMKT 17.5 x 8, lettering field: 17.5 x 8 mm, color: yellow
0824469	SS-ZB 17,5 YE CUS	Marker, can be labeled as per customer request
Marking		
0804963	SS-ZB 17,5 WH	Contactormarker Zack strip, unprinted: 5-section, for snapping into equipment and components with special marker carrier, can be labeled with M-PEN, CMS system or label BMKT 17.5 x 8, lettering field: 17.5 x 8 mm, color: white

Tools

1212486	SAC BIT HOOD-W 24	Nut for assembling pressure nuts with 24 mm wrench size, for 4 mm hexagonal drive
1206450	SZK PZ1 VDE	Screwdriver, PZ crosshead, VDE insulated, size: PZ 1 x 80 mm, 2-component grip, with non-slip grip
1212315	TSD 25 SAC	Torque screwdriver, with preset torque of 2.5 Nm and 4 mm hexagonal drive for the pressure nut of the connector hood
1212224	TSD-M 1,2NM	Torque screw driver, accuracy as per EN ISO 6789 standard, adjustable from 0.3 - 1.2 Nm
1212225	TSD-M 3NM	Torque screw driver, accuracy as per EN ISO 6789 standard, adjustable from 1.2 - 3 Nm
1212600	TSD-M SAC-BIT ADAPTER	Adapter bit for TSD-M...torque tools, E6.3-1/4" drive with 4 mm hexagon to accommodate SAC bits
