


# SACB-C-H180- 6/3- 5,0PUR-M8

Order No.: 1516315



<http://eshop.phoenixcontact.de/phoenix/treeViewClick.do?UID=1516315>

Connector hood, M8 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	
GTIN (EAN)	 4 017918 967246
Note	Made-to-order
sales group	D102
Pack	1 pcs.
Customs tariff	85366990
Catalog page information	Page 179 (PC-2011)

#### Product notes

WEEE/RoHS-compliant since:  
01/01/2006



<http://www.download.phoenixcontact.com>  
Please note that the data given here has been taken from the online catalog. For comprehensive information and data, please refer to the user documentation. The General Terms and Conditions of Use apply to Internet downloads.

Technical data	
<b>General data</b>	
Rated voltage	120 V
Current carrying capacity per I/O signal	2 A
Total rated current	8 A
Number of slots	6

Degree of protection	IP65/IP67
Ambient temperature (operation)	-30 °C ... 80 °C
Sensor/actuator connection system	M8 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 <sup>2</sup>
AWG signal line	22
Conductor structure signal line	42x 0.10 mm
Power supply cross section	2x 0.75 mm <sup>2</sup>
AWG power supply	18
Conductor structure, voltage supply	96x 0.10 mm
External diameter	8.2 mm
Max. bending cycles	1500000
Bending radius	85 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)

**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
	2 / 4 (A) = GN
	3 / 4 (A) = YE
	4 / 4 (A) = GY
	5 / 4 (A) = PK
	6 / 4 (A) = RD
	1-6 / 1 (+ 24 V) = BN
	1-6 / 3 (0 V) = BU

### Certificates / Approvals



Certification

CUL, UL

---

### Accessories

Item	Designation	Description
<b>Marking</b>		
0809984	ZBF10:SO/CMS	Zack marker strip, flat, in 10 mm pitch, labeled according to customer specifications, 10-section, divisible, color: White
0809997	ZBF10:UNBEDRUCKT	Zack marker strip, flat, in 10 mm pitch, unprinted, 10-section, for individual labeling with M-PEN 0,8, X-PEN, or CMS-P1-PLOTTER
<b>Tools</b>		
1206463	SZK PZ2 VDE	Screwdriver, PZ crosshead, VDE insulated, size: PZ 2 x 100 mm, 2-component grip, with non-slip grip

**Address**

PHOENIX CONTACT Inc., USA  
586 Fulling Mill Road  
Middletown, PA 17057, USA  
Phone (800) 888-7388  
Fax (717) 944-1625  
<http://www.phoenixcon.com>



© 2011 Phoenix Contact  
Technical modifications reserved;