

SACB-10/3-L-M12-M8

Order No.: 1434853

The figure shows the version with 8 slots



<http://eshop.phoenixcontact.se/phoenix/treeViewClick.do?UID=1434853>

Sensor/actuator box, Connection method: M8 socket Metal, Number of slots: 10, Number of positions: 3, Slot assignment: Single, Status indication: Yes, pnp; Master cable connection: M12 plug connection 90°, Shielding: No

Commercial data	
EAN	
Note	Made-to-order
Pack	1
Customs tariff	85444290
Gross weight in pieces	154.00 g
Catalog page information	Page 178 (PC-2011)

Product notes

WEEE/RoHS-compliant since:
2009-01-20

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 at <http://www.download.phoenixcontact.com>. The General Terms and Conditions of Use apply to Internet downloads.

Technical data	
General data	
Rated voltage	24 V DC
Max. operating voltage U_{max}	30 V DC
Current carrying capacity per I/O signal	1.5 A
Current carrying capacity per slot	1.5 A
Total rated current	1.5 A

Number of positions	3
Number of slots	10
Degree of protection	IP65/67
Inflammability class according to UL 94	V0
Ambient temperature (operation)	-30 °C ... 80 °C
Sensor/actuator connection system	M8 socket

Local diagnostics function

Local diagnostics	Supply voltage per module Green LED
	Status display I/O Yellow LED

Master cable data

Connection method	M12 plug connection
Tightening torque - master cable - plug connection	0.4 Nm
Tightening torque slot sensor/actuator cable	0.2 Nm
Tightening torque screw plug	0.2 Nm

Insulation material

Housing material	PBT
Material of the moulding mass	PUR
Contact material	CuSn
Contact surface material	Ni/Au
Contact carrier material	PA
Material of contact, master cable side	CU alloy
Material of contact surface, master cable side	Gold-plated
Material of threaded sleeve	Cu alloy
Material of threaded sleeve surface	Nickel-plated
Material, O-ring	NBR

Pin assignment

Slot/position = Wire color or connection	1 / 4 (A) = 3
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	2 / 4 (A) = 4
	3 / 4 (A) = 6
	4 / 4 (A) = 8
	5 / 4 (A) = 5
	6 / 4 (A) = 9
	7 / 4 (A) = 7
	8 / 4 (A) = 10
	9 / 4 (A) = 11
	10 / 4 (A) = 12
	1-10 / 1 (+24 V) = 1
	1-10 / 3 (0 V) = 2

Certificates



Certification

cULus Recognized, GOST

Certifications applied for:

Certification Ex:

Accessories

Item	Designation	Description
General		
1430679	SAC-12P- 5,0-PUR/FR SCO	Sensor/Actuator cable, 12-position, PUR halogen-free, Black RAL 9005, Free cable end, on Socket angled M12-SPEEDCON, A-coded, Cable length: 5 m
1430637	SAC-12P- 5,0-PUR/FS SCO	Sensor/Actuator cable, 12-position, PUR halogen-free, Black RAL 9005, Free cable end, on Socket straight M12-SPEEDCON, A-coded, Cable length: 5 m
1430682	SAC-12P-10,0-PUR/FR SCO	Sensor/Actuator cable, 12-position, PUR halogen-free, Black RAL 9005, Free cable end, on Socket angled M12-SPEEDCON, A-coded, Cable length: 10 m
1430640	SAC-12P-10,0-PUR/FS SCO	Sensor/Actuator cable, 12-position, PUR halogen-free, Black RAL 9005, Free cable end, on Socket straight M12-SPEEDCON, A-coded, Cable length: 10 m

Marking

0825031	ZBF10 CUS	Zack Marker strip, flat, Can be ordered: Strip, white, Labeled according to customer specifications, Mounting type: Snap into flat marker groove, For terminal block width: 10 mm, Lettering field: 5.15 x 10 mm
0809997	ZBF10:UNBEDRUCKT	Zack Marker strip, flat, Strip, white, Unlabeled, Can be labeled with: Plotter, Mounting type: Snap into flat marker groove, For terminal block width: 10 mm, Lettering field: 5.15 x 10 mm

Protection and sealing elements

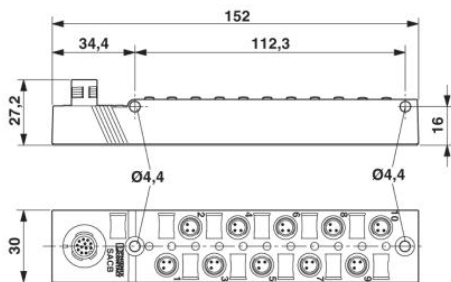
1560251	PROT-M12 FS	M12 sealing cap for unoccupied M12 plugs of the sensor/actuator cable, flush-type plugs and I/O devices in the field
1682540	PROT-M8	An M8 screw plug for the unoccupied M8 sockets of the sensor/actuator cable, boxes and flush-type connectors

Tools

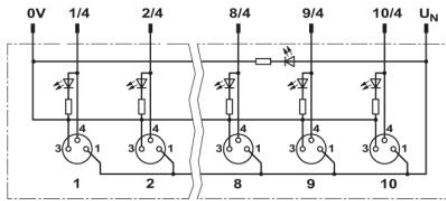
1208432	SAC BIT M12-D15	Nut for assembling sensor/actuator cables with M12 connector and for M12 connectors with QUICKON fast connection technology, for 4 mm hexagonal drive
1208461	SAC BIT M8-D10	Nut for assembling sensor/actuator cables with M8 connector and for M8 connectors with QUICKON fast connection technology, for 4 mm hexagonal drive
1208474	SACC BIT M8-D12	Nut for assembling SACC M8 connectors for free assembly with longitudinal knurl, excluding M8 connectors with QUICKON fast connection technology, for 4 mm hexagonal drive
1208487	TSD 02 SAC	Torque screwdriver, with preset torque of 0.2 Nm and 4 mm hexagonal drive for M8 connectors
1208429	TSD 04 SAC	Torque screwdriver, with preset torque of 0.4 Nm and 4 mm hexagonal drive for M12 connectors

Drawings

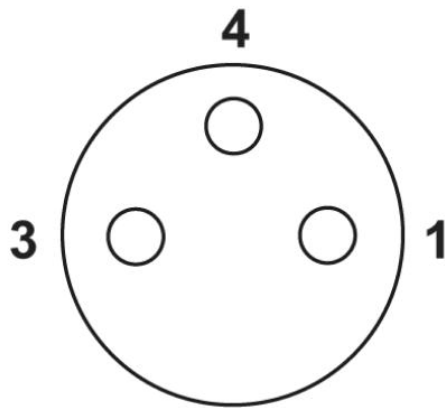
Dimensioned drawing



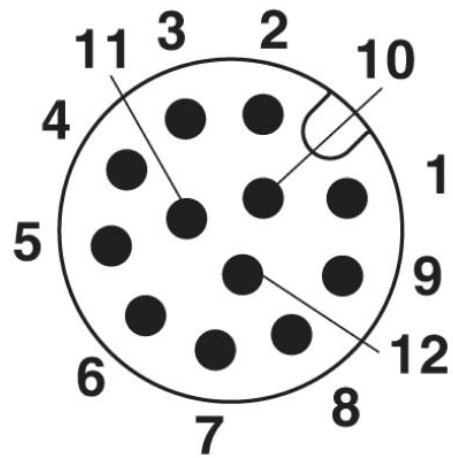
Circuit diagram



Schematic diagram



M8 slot, socket, 3-pos.



M12 plug connection pin, 12-pos.

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