Extract from the online catalog

SACB-4/ 8-L- 5,0PUR

Order No.: 1695074



http://eshop.phoenixcontact.de/phoenix/treeViewClick.do?UID=1695074

Sensor/actuator box, M12 female connector, Number of slots: 4, Number of positions: 5, Slot assignment: Double, Status indication: Yes, pnp 180°, PUR/PVC, Cable length: 5 m, Shielding: No

Commercial data	
GTIN (EAN)	4 017918 177584
sales group	D101
Pack	1 pcs.
Customs tariff	85366990
Catalog page information	Page 114 (PC-2009)

Product notes

WEEE/RoHS-compliant since: 03/22/2006

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Technical data

General data

Rated voltage	24 V DC
Max. operating voltage U_{max}	30 V DC
Current carrying capacity per I/O signal	2 A

Current carrying capacity per slot	4 A
Total rated current	12 A
Number of positions	5
Number of slots	4
Degree of protection	IP65/IP67
Inflammability class acc. to UL 94	V0
Ambient temperature (operation)	-25 °C ... 75 °C
Sensor/actuator connection system	M12 female connector

Local diagnostics function

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

Master cable data

Type of connection	Fixed connection
Length of cable	5 m
Cable type	Master cable suitable for flexible cable conduit
Signal line cross section	8x 0.5 mm²
AWG signal line	20
Conductor structure signal line	64x 0.10 mm
Power supply cross section	3x 1 mm²
AWG power supply	17
Conductor structure, voltage supply	128x 0.10 mm
External diameter	9.5 mm
Max. bending cycles	1500000
Bending radius	100 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 slot sensor/actuator cable	0.4 Nm
Tightening torque screw plug	0.4 Nm

Insulation material

Housing material	PA
Contact material	CuSn
Contact surface material	Ni/Au

Contact carrier material	PA
Material, O-ring	NBR

Pin assignment

Slot/position = Wire color or connection	1 / 4 (A) = WH
	1 / 2 (B) = GY/PK
	2 / 4 (A) = GN
	2 / 2 (B) = RD/BU
	3 / 4 (A) = YE
	3 / 2 (B) = WH/GN
	4 / 4 (A) = GY
	4 / 2 (B) = BN/GN
	1-4 / 1 (+ 24 V) = BN
	1-4 / 3 (0 V) = BU
	1-4 / 5 (PE) = GN/YE

Certificates / Approvals

Certification CUL, GOST, UL

Accessories

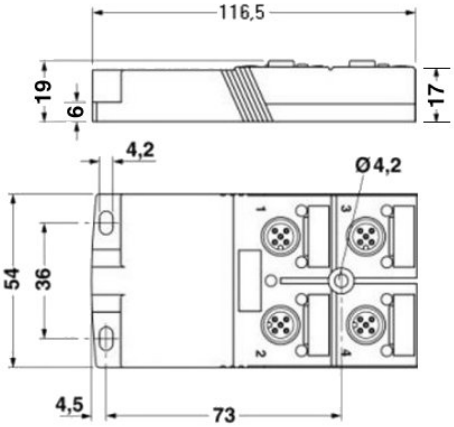
Item	Designation	Description
Marking		
2809128	ZBN 18:UNBEDRUCKT	Unprinted marker labels, strips with 5 labels for individual labeling with M-PEN or CMS system, for terminal block width: 17.5 mm, color: White
Protection and sealing elements		
1680539	PROT-M12	An M12 screw plug for the unoccupied M12 sockets of the sensor/ actuator cable, boxes and flush-type connectors

Tools

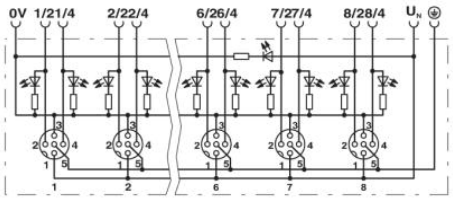
1208432	SAC BIT M12-D15	Nut for assembling sensor/actuator cables with M12 connector and for M12 connectors with QUICKON fast connection technology, for 4 mm hexagonal drive
1208445	SACC BIT M12-D20	Nut for assembling SACC M12 connectors for free assembly, excluding M12 connectors with QUICKON fast connection technology, for 4 mm hexagonal drive
1208429	TSD 04 SAC	Torque screwdriver, with preset torque of 0.4 Nm and 4 mm hexagonal drive for M12 connectors

Diagrams/Drawings

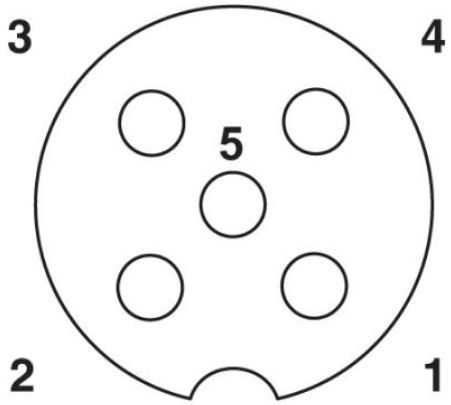
Dimensioned drawing



Circuit diagram



Schematic diagram



M12 slot, socket, 5-pos.

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