



Extract from the online catalog

SACB-8/16-L- 5,0PVC FB

Order No.: 1555541



<http://eshop.phoenixcontact.de/phoenix/treeViewClick.do?UID=1555541>

Sensor/actuator box, high-grade steel, with 8 double-occupied slots, 5-pos., M12 plug connection, with LED, with FDA-compliant connected master cable, cable length: 5.0 m

Commercial data	
EAN	4046356170529
Pack	1 pcs.
Customs tariff	85366990
Weight/Piece	1.6956 KG
Catalog page information	Page 148 (PC-2009)

Product notes

WEEE/RoHS-compliant since:
02/01/2007



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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

General data	
Nominal voltage U_N	24 V DC
Max. operating voltage U_{max}	30 V DC
Max. current carrying capacity per path	2 A
Current carrying capacity per slot	4 A

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SACB total current	12 A
Operating current of the indicator elements	≤ 5 mA
Number of positions	5
Number of slots	8
Degree of protection	IP65/IP67/IP69K
Inflammability class acc. to UL 94	V0
Ambient temperature (operation)	-30 °C ... 80 °C

Local diagnostics function

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

Master cable data

Type of connection	Fixed connection
Length of cable	5 m
Signal line cross section	16 x 0.5 mm ²
AWG signal line	20
Conductor structure, signal line	64x 0.10 mm
Power supply cross section	3 x 1 mm ²
AWG power supply	17
Conductor structure, voltage supply	128x 0.10 mm
External diameter	11.6 mm
Max. bending cycles	1000000
Traversing path	5 m
Traversing rate	3 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

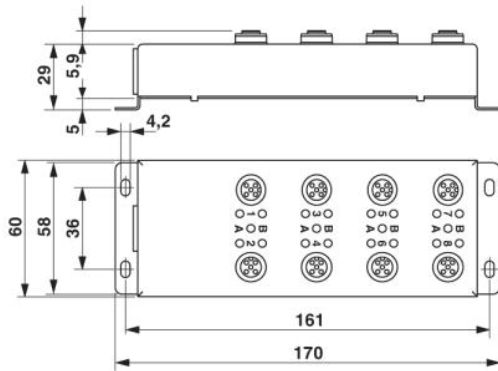
Insulation material

Housing material	Stainless steel 1.4404
Material of the moulding mass	PUR
Contact material	CuSn6
Contact surface material	Gold-plated
Contact carrier material	PBT
Material of threaded sleeve	Stainless steel 1.4404

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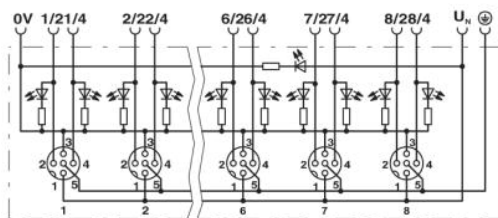
Drawings

Dimensioned drawing



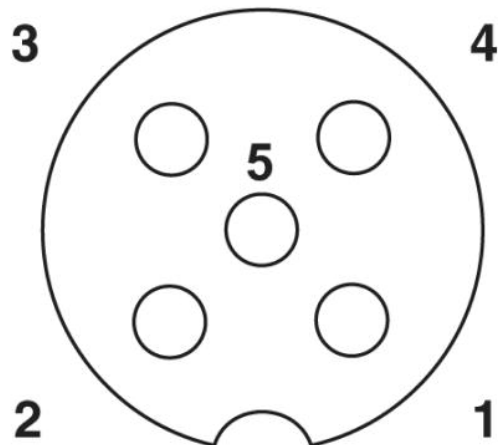
Dimensional drawing

Circuit diagram



Schematic diagram

Pin assignment M12 socket, 5-pos., A-coded, socket side view



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