



Extract from the online catalog

SACB-6/ 6-L-10,0PUR SCO

Order No.: 1517136



<http://eshop.phoenixcontact.de/phoenix/treeViewClick.do?UID=1517136>

Sensor/actuator box, M12-SPEEDCON-socket, 6 Slots, 4-position, Status indication: Yes, pnp 180°, PUR/PVC, Cable length: 10 m, Shielding: No

Commercial data	
GTIN (EAN)	4017918967802
Note	Made-to-order
sales group	D101
Pack	1 pcs.
Customs tariff	85366990
Weight/Piece	1.3811 KG
Catalog page information	Page 116 (PC-2009)

Product notes

WEEE/RoHS-compliant since:
01/01/2008



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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

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Total rated current	12 A
Number of positions	4
Number of slots	6
Degree of protection	IP65/IP67/IP69K
Inflammability class acc. to UL 94	V0
Ambient temperature (operation)	-30 °C ... 90 °C
Sensor/actuator connection system	M12-SPEEDCON-socket

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	10 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 slot sensor/actuator cable	0.4 Nm
Tightening torque screw plug	0.4 Nm

Insulation material

Housing material	PBT
Material of the moulding mass	PUR
Contact material	Cu alloy
Contact surface material	Gold-plated

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Contact carrier material	PA
Material of threaded sleeve	Zinc die-cast
Material of threaded sleeve surface	Nickel-plated
Material, O-ring	NBR

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
	1-6 / 5 (PE) = GN/YE

Certificates / Approvals



Certification CUL, UL

CUL

Nominal voltage U_N	24 V
Nominal current I_N	3 A

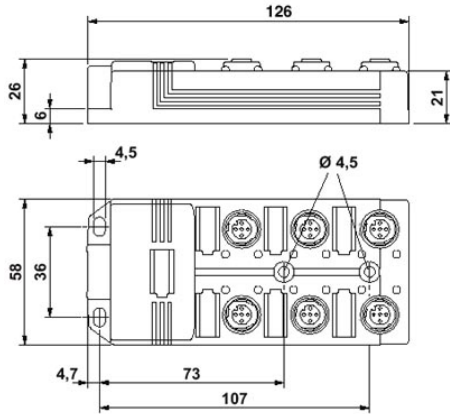
UL

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Nominal current I_N	3 A

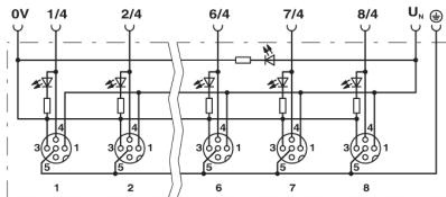
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Diagrams/Drawings

Dimensioned drawing

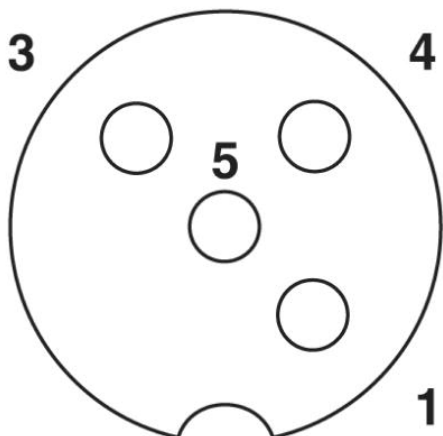


Circuit diagram



Schematic diagram

M12 slot, socket, 4-pos.



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