

SACB-10/3-L- 5,0PUR-M8

Order No.: 1516072



<http://eshop.phoenixcontact.de/phoenix/treeViewClick.do?UID=1516072>

Sensor/actuator box, with connected master cable, slots: 10, no. of pos.: 3, cable length: 5 m

Commercial data

EAN	4017918967055
Pack	1 pcs.
Customs tariff	85366990
Weight/Piece	0.7795 KG
Catalog page information	Page 112 (PC-2009)

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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	2 A
SACB total current	6 A
Number of positions	3
Number of slots	10
Degree of protection	IP65/IP67
Inflammability class acc. to UL 94	V0
Ambient temperature (operation)	-30 °C ... 80 °C

Sensor/actuator connection system	M8 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	5 m
Cable type	Master cable suitable for flexible cable conduit
Signal line cross section	10x 0.34 mm ²
AWG signal line	22
Conductor structure, signal line	42x 0.10 mm
Power supply cross section	2x 0.75 mm ²
AWG power supply	18
Conductor structure, voltage supply	96x 0.10 mm
External diameter	9.1 mm
Max. bending cycles	1500000
Bending radius	95 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	0.2 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 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) = WH
	2 / 4 (A) = GN
	3 / 4 (A) = YE
	4 / 4 (A) = GY
	5 / 4 (A) = PK
	6 / 4 (A) = RD
	7 / 4 (A) = BK
	8 / 4 (A) = VT
	9 / 4 (A) = WH/PK
	10 / 4 (A) = PK/BN
	1-10 / 1 (+24 V) = BN
	1-10 / 3 (0 V) = BU

Certificates / Approvals



Certification CUL, UL

CUL

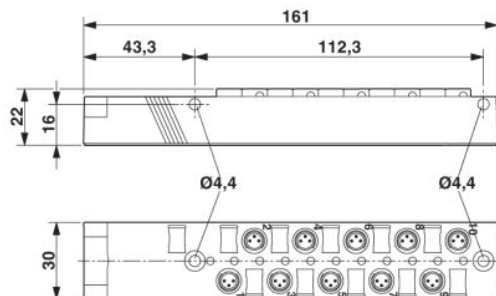
Nominal voltage U_N	24 V
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UL

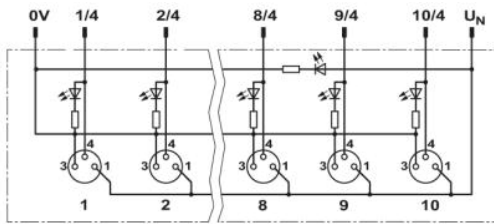
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Drawings

Dimensioned drawing

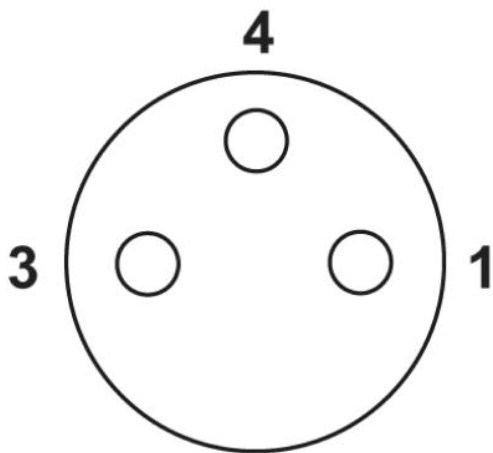


Circuit diagram



Schematic diagram

M8 slot, socket, 3-pos.



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