

Sensor/actuator box - SACB-10/3-L-SC-M8 - 1503409

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Sensor/actuator box, Application: Standard, Connection method: M8 socket Metal, Number of slots: 10, Number of positions: 3, Slot assignment: Single, Status indication: Yes, pnp; Master cable connection: Spring-cage connection 180°, Shielding: No

Product Features

- ✓ Safety in the field, thanks to molded housing and high degree of protection
- ✓ Flexible, distributed bundling of signals in one master cable
- ✓ Convenient: increased machine availability thanks to quick and easy diagnostics
- ✓ Flexible: distributor box with connector hood for on-site assembly



Key commercial data

Packing unit	1 pc
GTIN	 4 017918 966966
Weight per Piece (excluding packing)	176.9 GRM
Custom tariff number	85444290
Country of origin	Poland

Technical data

General

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	2 A
Total rated current	6 A
Number of positions	3
Number of slots	10
Inflammability class according to UL 94	V0
Sensor/actuator connection system	M8 socket

Ambient conditions

Degree of protection	IP65
	IP67

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Ambient conditions

Ambient temperature (operation)	-30 °C ... 80 °C
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Local diagnostics function

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

Master cable data/connection data

Connection method	Spring-cage connection
Conductor cross section min. (signal)	0.14 mm ²
Conductor cross section max. (signal)	1 mm ²
Conductor cross section AWG min. (signal)	26
Conductor cross section AWG max. (signal)	17
Stripping length (signal)	10 mm
Conductor cross section min. (energy)	0.2 mm ²
Conductor cross section max. (energy)	1.5 mm ²
Conductor cross section AWG min. (energy)	26
Conductor cross section AWG max. (energy)	16
External cable diameter min.	7 mm
External cable diameter max.	11 mm
Stripping length	70 mm (Master cable)
Tightening torque, cover screw	1 Nm
Tightening torque, union nut	2.5 Nm
Tightening torque slot sensor/actuator cable	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	CuZn
Material of contact surface, master cable side	NiSn
Material of the contact carrier on the master cable side	PA 66 V0
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) = 1 / 4
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Pin assignment

	2 / 4 (A) = 2 / 4
	3 / 4 (A) = 3 / 4
	4 / 4 (A) = 4 / 4
	5 / 4 (A) = 5 / 4
	6 / 4 (A) = 6 / 4
	7 / 4 (A) = 7 / 4
	8 / 4 (A) = 8 / 4
	9 / 4 (A) = 9 / 4
	10 / 4 (A) = 10 / 4
	1-10 / 1 (+24 V) = U _N
	1-10 / 3 (0 V) = 0 V

Classifications

eCl@ss

eCl@ss 4.0	27140815
eCl@ss 4.1	27140815
eCl@ss 5.0	27143423
eCl@ss 5.1	27143423
eCl@ss 6.0	27143423
eCl@ss 7.0	27449001
eCl@ss 8.0	27449001

ETIM

ETIM 2.0	EC000200
ETIM 3.0	EC001856
ETIM 4.0	EC002585
ETIM 5.0	EC002585

UNSPSC

UNSPSC 6.01	31261501
UNSPSC 7.0901	31261501
UNSPSC 11	31261501
UNSPSC 12.01	31261501
UNSPSC 13.2	31261501

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Approvals

Approvals

Approvals

UL Recognized / cUL Recognized / GOST / cULus Recognized

Ex Approvals

Approvals submitted

Approval details

UL Recognized 	
Nominal voltage UN	24 V

cUL Recognized 	
Nominal voltage UN	24 V

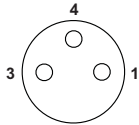
GOST 	

cULus Recognized 	

Drawings

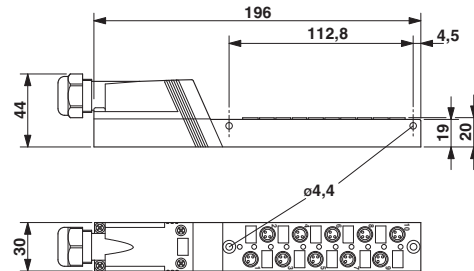
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Schematic diagram



M8 slot, socket, 3-pos.

Dimensioned drawing



Circuit diagram

