

Sensor/actuator box - SACB-4/ 3-L-M12 M5 - 1530760

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Sensor/actuator box, Connection method: M5 socket Metal, Number of slots: 4, Number of positions: 3, Slot assignment: Single, Status indication: Yes, pnp; Master cable connection: M12 plug connection 90°, 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



Key commercial data

Packing unit	1 PCE
Weight per Piece (excluding packing)	44.1 GRM
Custom tariff number	85366990
Country of origin	Germany

Technical data

General

Rated voltage	24 V DC
Max. operating voltage U _{max}	30 V DC
Current carrying capacity per I/O signal	1 A
Current carrying capacity per slot	1 A
Total rated current	3 A
Number of positions	3
Number of slots	4
Inflammability class according to UL 94	V0
Sensor/actuator connection system	M5 socket

Ambient conditions

Degree of protection	IP67
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Technical data

Ambient conditions

Ambient temperature (operation)	-25 °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	M12 plug connection
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Insulation material

Housing material	PA-GF
Contact material	CuZn
Contact surface material	Ni/Au
Material of threaded sleeve	Cu alloy
Material of threaded sleeve surface	Nickel-plated

Pin assignment

Slot/position = Wire color or connection	1 / 4 (A) = 3
	2 / 4 (A) = 4
	3 / 4 (A) = 6
	4 / 4 (A) = 8

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

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Classifications

UNSPSC

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

Approvals

Approvals

Approvals

GOST

Ex Approvals

Approvals submitted

Approval details

GOST 
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Accessories

Accessories

Master cable, assembled

Master cable - SAC-12P- 5,0-PUR/M12FS MC - 1530786



Master cable, 12-position, PUR/PVC, Black RAL 9005, Free cable end, on Socket straight M12, A-coded, Cable length: 5 m

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Accessories

Master cable - SAC-12P-10,0-PUR/M12FS MC - 1530799



Master cable, 12-position, PUR/PVC, Black RAL 9005, Free cable end, on Socket straight M12, A-coded, Cable length: 10 m

Protective cap

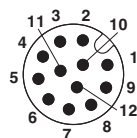
Screw plug - PROT-M5 - 1533288



An M5 screw plug for the unoccupied M5 sockets of the sensor/actuator cable, boxes and flush-type connectors

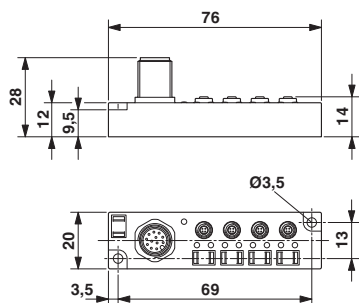
Drawings

Schematic diagram

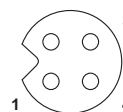


M12 plug connection pin, 12-pos.

Dimensioned drawing



Schematic diagram



M5 slot, socket, 3-pos.

Circuit diagram

