

## Sensor/actuator box - SACB-8/ 8-L-M23 180 - 1692718

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Sensor/actuator box, Application: Standard, Connection method: M12 socket Plastic, Number of slots: 8, Number of positions: 4, Coding: A - standard, Slot assignment: single, Status indication: Yes, pnp; Master cable connection: M23 plug 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



### Key Commercial Data

Packing unit	1 pc
Weight per Piece (excluding packing)	147.8 g
Custom tariff number	85366990
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	4 A
Total rated current	12 A
Number of positions	4
Number of slots	8
Flammability rating according to UL 94	V0
Sensor/actuator connection system	M12 socket

#### Ambient conditions

Degree of protection	IP65
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### Technical data

#### Ambient conditions

	IP67
Ambient temperature (operation)	-20 °C ... 75 °C

#### Local diagnostics function

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

#### Master cable data/connection data

Connection method	M23 plug connection
Tightening torque slot sensor/actuator cable	0.4 Nm

#### Insulation material

Housing material	PA
Contact material	CuSn
Contact surface material	Ni/Au
Contact carrier material	PA
Material of contact, master cable side	CU alloy
Material of contact surface, master cable side	Gold-plated
Material of threaded sleeve	PA
O-ring material	NBR

#### Pin assignment

Slot/position = Wire color or connection	1 / 4 (A) = 1
	2 / 4 (A) = 2
	3 / 4 (A) = 3
	4 / 4 (A) = 4
	5 / 4 (A) = 5
	6 / 4 (A) = 6
	7 / 4 (A) = 7
	8 / 4 (A) = 8
	1-8 / 1 (+ 24 V) = 11
	1-8 / 3 (0 V) = 9+10
	1-8 / 5 (PE) = 12

#### Standards and Regulations

Connection in acc. with standard	CUL
Flammability rating according to UL 94	V0

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### 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	27279219
eCl@ss 9.0	27440108

#### 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

### Approvals

#### Approvals

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#### Approvals

UL Recognized / cUL Recognized / EAC / cULus Recognized

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#### Ex Approvals

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#### Approvals submitted

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#### Approval details

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## Approvals

UL Recognized	
mm <sup>2</sup> /AWG/kcmil	22-16
Nominal voltage UN	24 V

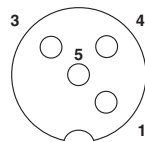
cUL Recognized	
mm <sup>2</sup> /AWG/kcmil	22-16
Nominal voltage UN	24 V

EAC
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cULus Recognized
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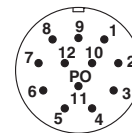
## Drawings

Schematic diagram



M12 slot, socket, 4-pos.

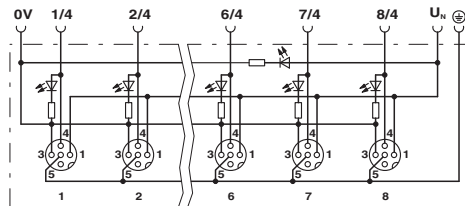
Schematic diagram



M23 plug connection pin, 12-pos.

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Circuit diagram



Dimensional drawing

