

## Sensor/actuator box - SACB-6/ 6-M23 180 - 1692750

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Sensor/actuator box, application: Standard, connection method: M12 socket Plastic, number of slots: 6, number of positions: 4, coding: A - standard, slot assignment: single, status display: No, Universal; master cable connection: M23 plug connection 180°, shielding: no

### Your advantages

- Safety in the field, thanks to molded housing and high degree of protection
- Flexible, distributed bundling of signals in one master cable

### Key Commercial Data

Packing unit	1 pc
GTIN	
GTIN	4017918177829
Sales Key	02

### Technical data

#### General

Rated voltage	120 V
Max. operating voltage $U_{max}$	135 V
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	6
Flammability rating according to UL 94	V0
Sensor/actuator connection system	M12 socket

#### Ambient conditions

Degree of protection	IP65
	IP67
Ambient temperature (operation)	-20 °C ... 75 °C

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## Technical data

### 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
	1-4 / 1 (+ 120 V) = 11
	1-4 / 3 (0 V) = 9+10
	1-4 / 5 (PE) = 12

### Standards and Regulations

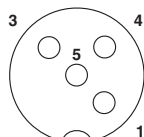
Connection in acc. with standard	CUL
Flammability rating according to UL 94	V0

### Environmental Product Compliance

China RoHS	Environmentally Friendly Use Period = 50
	For details about hazardous substances go to tab "Downloads", Category "Manufacturer's declaration"

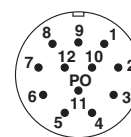
## Drawings

Schematic diagram



M12 slot, socket, 4-pos.

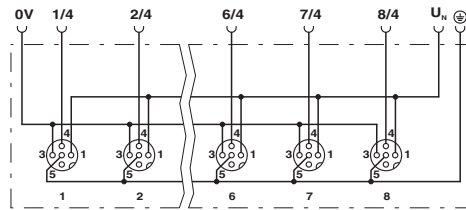
Schematic diagram



M23 plug connection pin, 12-pos.

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Circuit diagram



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