

## Sensor/actuator box - SACB-6/12-M23 - 1692828

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Sensor/actuator box, Connection method: M12 socket Plastic, Number of slots: 6, Number of positions: 5, Slot assignment: Double, Status indication: No, Universal; Master cable connection: M23 plug connection 90°, Shielding: No

The illustration shows a version with 8 slots

### Product Features

- Safety in the field, thanks to molded housing and high degree of protection
- Flexible, distributed bundling of signals in one master cable
- Save space: distributor box with double occupancy for two sensors in one slot



### Key commercial data

Packing unit	1 PCE
Weight per Piece (excluding packing)	117.1 GRM
Custom tariff number	85366990
Country of origin	Poland

### 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	5
Number of slots	6
Inflammability class according to UL 94	V0
Sensor/actuator connection system	M12 socket

#### Ambient conditions

## Sensor/actuator box - SACB-6/12-M23 - 1692828

### Technical data

#### Ambient conditions

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

#### 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 the contact carrier on the master cable side	PA
Material of threaded sleeve	Zinc die-cast
Material, O-ring	NBR

#### Pin assignment

Slot/position = Wire color or connection	1 / 4 (A) = 15
	1 / 2 (B) = 7
	2 / 4 (A) = 5
	2 / 2 (B) = 4
	3 / 4 (A) = 16
	3 / 2 (B) = 8
	4 / 4 (A) = 3
	4 / 2 (B) = 14
	5 / 4 (A) = 17
	5 / 2 (B) = 9
	6 / 4 (A) = 2
	6 / 2 (B) = 13
	1-6 / 1 (+ 120 V) = 19
	1-6 / 3 (0 V) = 6
	1-6 / 5 (PE) = 12

## Sensor/actuator box - SACB-6/12-M23 - 1692828

### 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

### Approvals

#### Approvals

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#### Approvals

UL Recognized / cUL Recognized / GOST / cULus Recognized

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#### Ex Approvals

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#### Approvals submitted

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#### Approval details

## Sensor/actuator box - SACB-6/12-M23 - 1692828

### Approvals

UL Recognized	
mm <sup>2</sup> /AWG/kcmil	22-16
Nominal voltage UN	120 V

cUL Recognized	
mm <sup>2</sup> /AWG/kcmil	22-16
Nominal voltage UN	120 V

GOST	
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cULus Recognized	
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### Accessories

Accessories

Assembly tool

Pipe spanner - PLUSCON-RCS - 1665062



Special pipe spanner, tool for mounting the M23 connector housing (with assembly), for coupling and sleeve housing

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### Device marking

## Sensor/actuator box - SACB-6/12-M23 - 1692828

### Accessories

Zack marker strip - ZBN 18:UNBEDRUCKT - 2809128



Zack marker strip, Strip, white, Unlabeled, Can be labeled with: Plotter, Mounting type: Snap into tall marker groove, For terminal block width: 18 mm, Lettering field: 18 x 5 mm

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### Master cable, assembled

Female connector - RCK-TGUM/BL16+3/ 5,0PUR-U - 1684056



Female connector, Number of positions: 19, Status indication: No; Master cable connection: M23 socket, Cable length: 5 m, Shielding: No

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Female connector - RCK-TGUM/BL16+3/10,0PUR-U - 1684069



Female connector, Number of positions: 19, Status indication: No; Master cable connection: M23 socket, Cable length: 10 m, Shielding: No

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Female connector - RCK-TWUM/BL16+3/ 5,0PUR-U - 1684072



Female connector, Number of positions: 19, Status indication: No; Master cable connection: M23 socket, Cable length: 5 m, Shielding: No

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Female connector - RCK-TWUM/BL16+3/10,0PUR-U - 1684085



Female connector, Number of positions: 19, Status indication: No; Master cable connection: M23 socket, Cable length: 10 m, Shielding: No

## Sensor/actuator box - SACB-6/12-M23 - 1692828

### Accessories

Female connector - V-RC/TGUM 13/KVD 13/LBL 16+3 - 1000042



M23 socket, 19-pos., straight, freely configurable, with solder connection, for external cable diameter of 10 mm ... 14 mm

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Female connector - V-RC/TWUM 13/KVD 13/LBL 16+3 - 1000044



M23 socket, 19-pos., angled, freely configurable, with solder connection, for external cable diameter of 10 mm ... 14 mm

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### Protective cap

Screw plug - PROT-M12 - 1680539



An M12 screw plug for the unoccupied M12 sockets of the sensor/actuator cable, boxes and flush-type connectors

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Protective cap - MSK 1 - 1665897



M23 metal sealing cap, for unoccupied M23 connectors, without steel wire

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Protective cap - MSK 2 - 1665907



M23 metal sealing cap, for unoccupied M23 connectors, with steel wire

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## Sensor/actuator box - SACB-6/12-M23 - 1692828

### Accessories

Protective cap - KSK 1 - 1685013



Plastic sealing cap, for unoccupied M23 connectors

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### Screwdriver tools

Tool - SAC BIT M12-D15 - 1208432



Nut for assembling sensor/actuator cables with M12 connector and for M12 connectors with QUICKON fast connection technology, for 4 mm hexagonal drive

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Tool - SACC BIT M12-D20 - 1208445



Nut for assembling SACC M12 connectors for free assembly, excluding M12 connectors with QUICKON fast connection technology, for 4 mm hexagonal drive

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### Torque tool

Torque screwdriver - TSD 04 SAC - 1208429



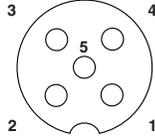
Torque screwdriver, with preset torque of 0.4 Nm and 4 mm hexagonal drive for M12 connectors

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### Drawings

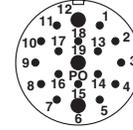
# Sensor/actuator box - SACB-6/12-M23 - 1692828

Schematic diagram



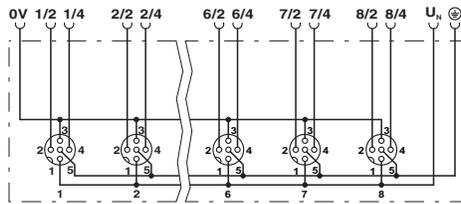
M12 slot, socket, 5-pos.

Schematic diagram



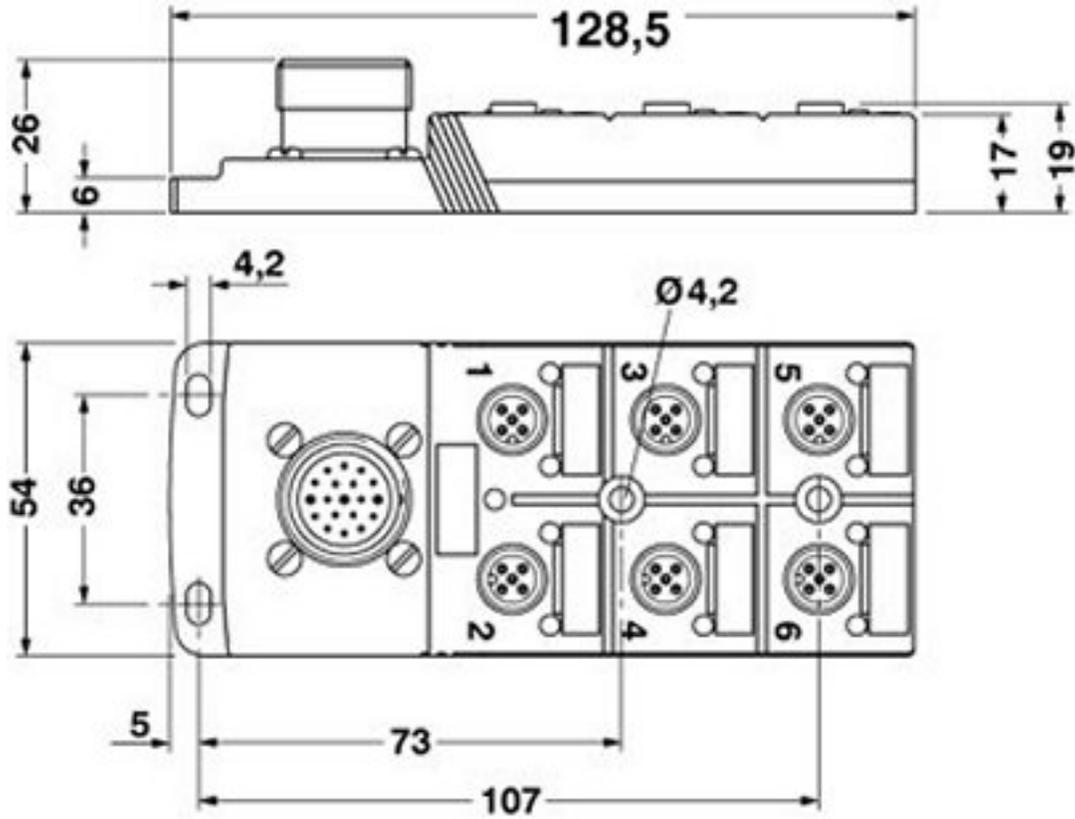
M23 plug connection pin, 19-pos.

Circuit diagram



## Sensor/actuator box - SACB-6/12-M23 - 1692828

Dimensioned drawing



## Данный компонент на территории Российской Федерации

### Вы можете приобрести в компании MosChip.

Для оперативного оформления запроса Вам необходимо перейти по данной ссылке:

<http://moschip.ru/get-element>

Вы можете разместить у нас заказ для любого Вашего проекта, будь то серийное производство или разработка единичного прибора.

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Нашей специализацией является поставка электронной компонентной базы двойного назначения, продукции таких производителей как XILINX, Intel (ex.ALTERA), Vicor, Microchip, Texas Instruments, Analog Devices, Mini-Circuits, Amphenol, Glenair.

Сотрудничество с глобальными дистрибьюторами электронных компонентов, предоставляет возможность заказывать и получать с международных складов практически любой перечень компонентов в оптимальные для Вас сроки.

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Система менеджмента качества компании отвечает требованиям в соответствии с ГОСТ Р ИСО 9001, ГОСТ РВ 0015-002 и ЭС РД 009

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