Sensor/actuator box - SACB-4/ 4-M23 - 1692792

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The illustration shows a version with 8 slots

Sensor/actuator box, Connection method: M12 socket Plastic, Number of slots: 4, Number of positions: 4, Slot assignment: Single, Status indication: No, Universal; Master cable connection: M23 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

Key commercial data

Packing unit	1 PCE
Weight per Piece (excluding packing)	100.08 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	4
Number of slots	4
Inflammability class 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

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	Zinc die-cast
Material, O-ring	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
	1-4 / 1 (+ 120 V) = 11

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

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Classifications

ETIM

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

Approvals

UL Recognized / cUL Recognized / GOST / cULus Recognized

Ex Approvals

Approvals submitted

Approval details

UL Recognized

mm²/AWG/kcmil	22-16
Nominal voltage UN	120 V

cUL Recognized

mm²/AWG/kcmil	22-16
Nominal voltage UN	120 V

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Approvals

GOST

cULus Recognized

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

Device marking

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

Master cable, assembled

Female connector - RCK-TGUM/BL12/ 5,0PUR-U - 1684014



M23 socket, straight, 12-pos., with 5 m master cable, pin 9 and 10 bridged

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Accessories

Female connector - RCK-TGUM/BL12/10,0PUR-U - 1684027



M23 socket, straight, 12-pos., with 10 m master cable, pin 9 and 10 bridged

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Female connector - RCK-TWUM/BL12/ 5,0PUR-U - 1684030



M23 socket, angled, 12-pos., with 5 m master cable, pin 9 and 10 bridged

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Female connector - RCK-TWUM/BL12/10,0PUR-U - 1684043



M23 socket, angled, 12-pos., with 10 m master cable, pin 9 and 10 bridged

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Female connector - V-RC/TGUM 11/KVD 11/LBL 12 - 1000041



M23 socket, 12-pos., straight, freely configurable, with solder connection, for external cable diameter of 8 mm ... 12 mm

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Female connector - V-RC/TWUM 11/KVD 11/LBL 12 - 1000043



M23 socket, 12-pos., angled, freely configurable, with solder connection, for external cable diameter of 8 mm ... 12 mm

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Protective cap

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Accessories

Protective cap - MSK 1 - 1665897



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

Protective cap - MSK 2 - 1665907



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

Protective cap - KSK 1 - 1685013



Plastic sealing cap, for unoccupied M23 connectors

Screw plug - PROT-M12 - 1680539



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

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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Accessories

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

T-distributor

Housing - RC-T 12/1BU2ST - 1685107



M23 T-distributor, 12-pos., with one M23 socket and two M23 plugs; position 9 and 10 bridged

Torque tool

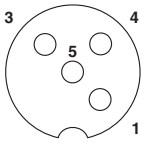
Torque screwdriver - TSD 04 SAC - 1208429



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

Drawings

Schematic diagram



M12 slot, socket, 4-pos.

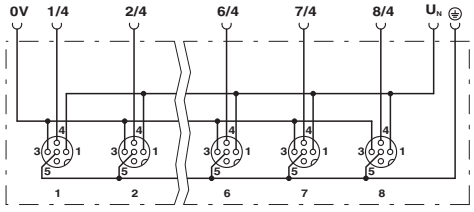
Schematic diagram



M23 plug connection pin, 12-pos.

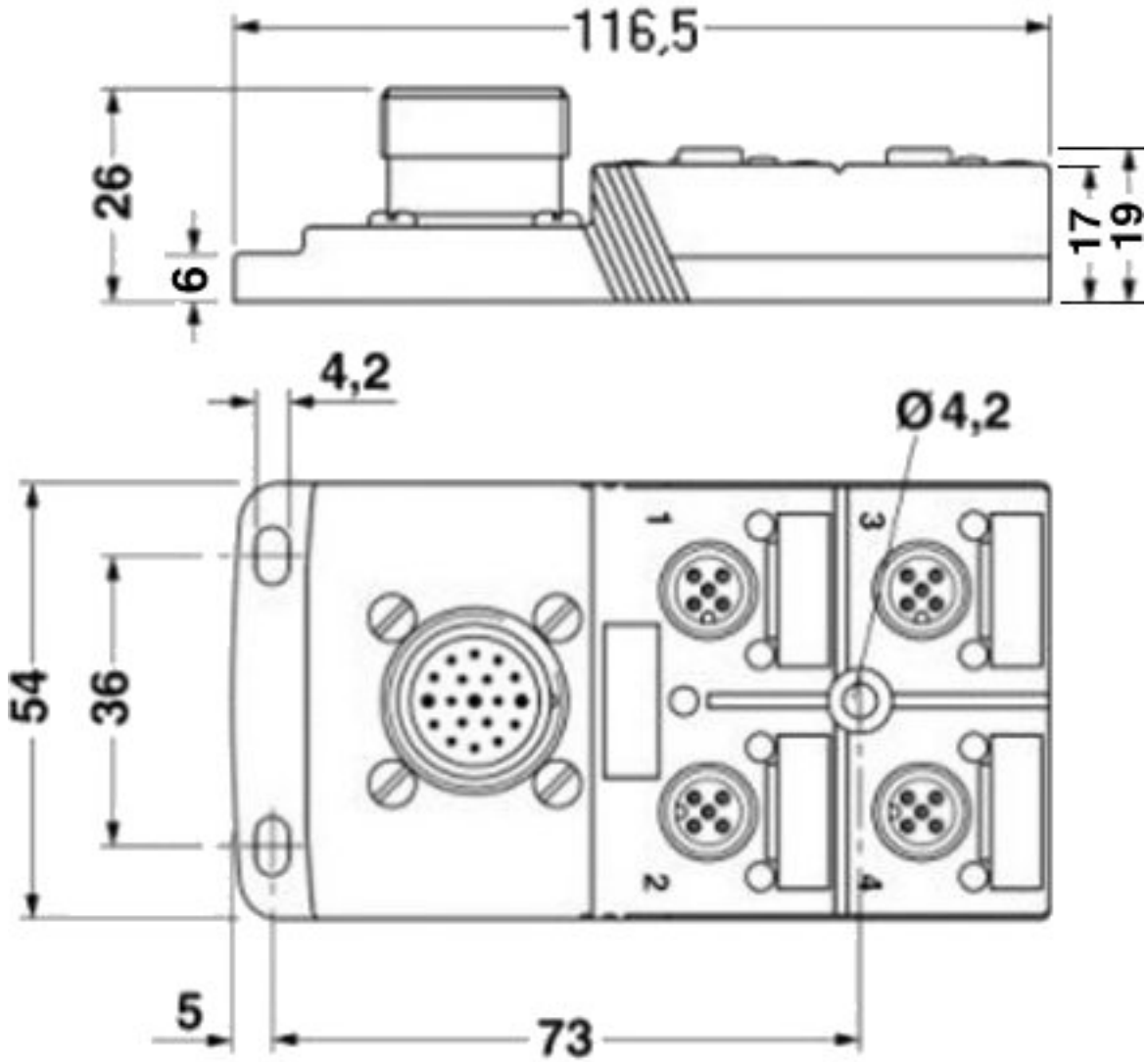
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Circuit diagram



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Dimensioned drawing



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