

Sensor/actuator box - SACB-6-SH PARA - 1511792

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Sensor/actuator box, connection method: M12 socket Metal, number of slots: 6, number of positions: 5, coding: A - standard, slot assignment: Parallel, status display: No, Universal, shielding: yes

The figure shows a version with 8 slots



Key Commercial Data

Packing unit	1 pc
Minimum order quantity	25 pc
GTIN	
GTIN	4017918908133

Technical data

General

Rated voltage	48 V
	60 V DC
Current carrying capacity per I/O signal	3 A
Current carrying capacity per slot	3 A
Total rated current	3 A
Number of positions	5
Number of slots	6
Flammability rating according to UL 94	V0
Sensor/actuator connection system	M12 socket
Note	NOTE: Observe the permissible bending radii when laying conductors, since the degree of protection may be put in jeopardy if the bending forces are too high. Alleviate mechanical loads upstream of the connector, e.g. by using cable ties.
	Unused slots are to be sealed off prior to commissioning. Suitable sealing elements are to be found under "Accessories".

Ambient conditions

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Technical data

Ambient conditions

Degree of protection	IP65
	IP67
Ambient temperature (operation)	-25 °C ... 70 °C

Master cable data/connection data

Tightening torque slot sensor/actuator cable	0.4 Nm
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Insulation material

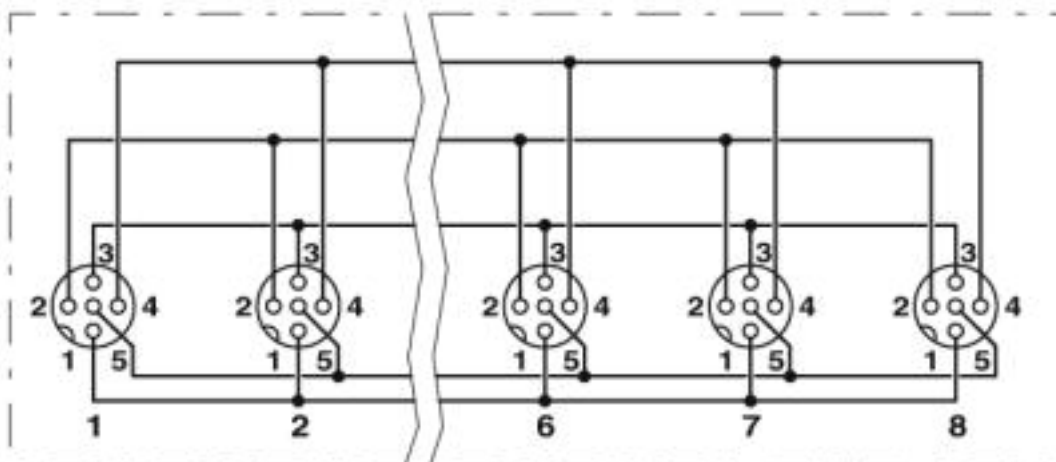
Housing material	Aluminum
Housing surface material	Nickel-plated
Material of the moulding mass	PUR
Contact material	Cu alloy
Contact surface material	gold-plated
Contact carrier material	PA
O-ring material	NBR

Standards and Regulations

Standards/specifications	M12 connector IEC 61076-2-101
Flammability rating according to UL 94	V0

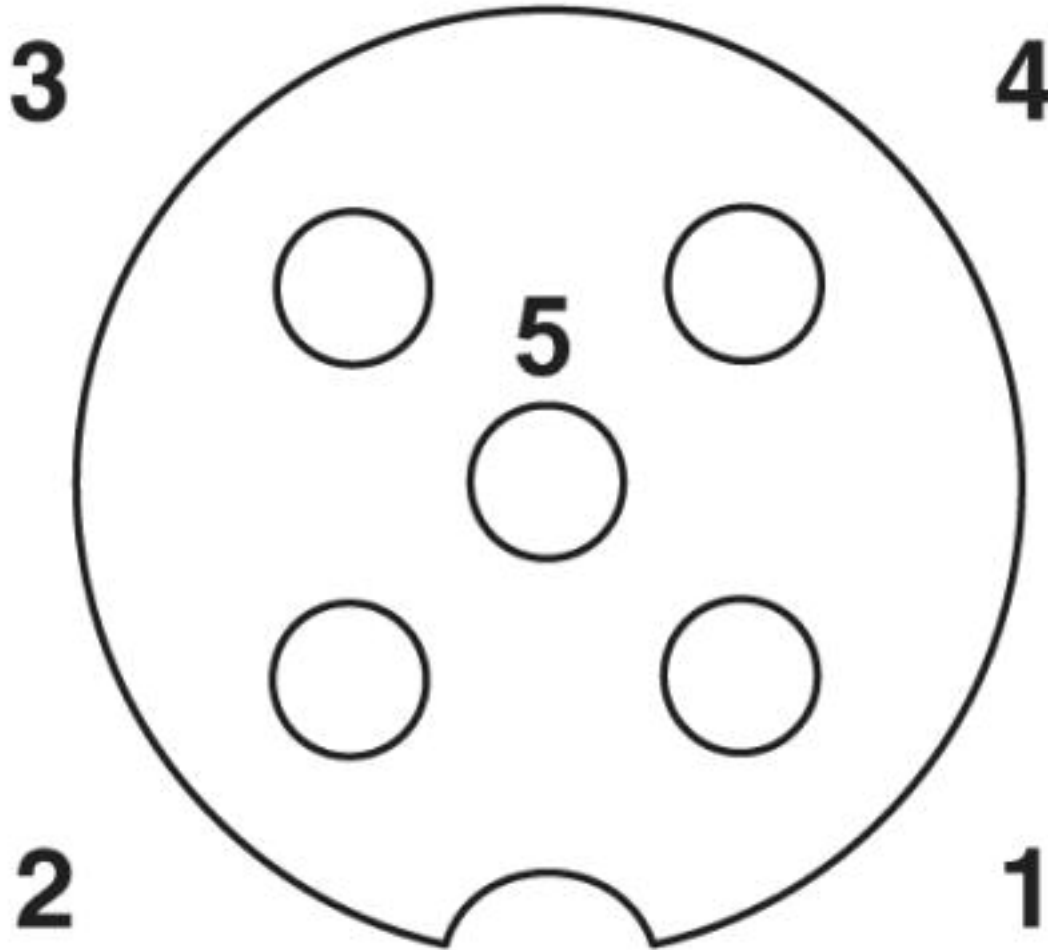
Drawings

Circuit diagram



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Schematic diagram



M12 slot, socket, 5-pos.

Classifications

eCl@ss

eCl@ss 10.0.1	27440108
eCl@ss 4.0	27140800
eCl@ss 4.1	27140800
eCl@ss 5.0	27143400
eCl@ss 5.1	27250300
eCl@ss 6.0	27279200
eCl@ss 7.0	27279219
eCl@ss 8.0	27279219
eCl@ss 9.0	27440108

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Classifications

ETIM

ETIM 2.0	EC000200
ETIM 3.0	EC001856
ETIM 4.0	EC002585
ETIM 5.0	EC002585
ETIM 6.0	EC002585
ETIM 7.0	EC002585

UNSPSC

UNSPSC 6.01	31261501
UNSPSC 7.0901	31261501
UNSPSC 11	31261501
UNSPSC 12.01	31261501
UNSPSC 13.2	31251501
UNSPSC 19.0	31251501
UNSPSC 20.0	31251501
UNSPSC 21.0	31251501

Approvals

Approvals

Approvals

EAC

Ex Approvals

Approval details

EAC		RU C- DE.BL08.B.00511
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Accessories

Accessories

Device marking

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Accessories

Zack marker strip - ZBN 18:UNBEDRUCKT - 2809128



Zack marker strip, Strip, white, unlabeled, can be labeled with: CMS-P1-PLOTTER, PLOTMARK, mounting type: snap into tall marker groove, for terminal block width: 18 mm, lettering field size: 18 x 5 mm, Number of individual labels: 5

Plug for cable screw gland

Screw plug - PROT-M12 SH - 1503302



An M12 screw plug for the unoccupied M12 sockets of the shielded 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 M12 connectors for assembly, with a knurl diameter of 15 mm, for 4 mm hexagonal drive

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