SACB-SH-8 PARA VA MOUNT P-PROT - Distributor box

1407295

https://www.phoenixcontact.com/us/products/1407295

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Distributor box, connection method: M12 socket Stainless steel, number of slots: 8, number of positions: 5, coding: A, slot assignment: parallel, status display: No, Universal, shielding: yes

Commercial data

Item number	1407295
Packing unit	1 pc
Minimum order quantity	1 pc
Sales key	BF44
Product key	BF3EAA
GTIN	4046356772273
Weight per piece (including packing)	537.3 g
Weight per piece (excluding packing)	537.3 g
Customs tariff number	85369010
Country of origin	DE

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Technical data

Notes

Assembly 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.
Note on application	Unused slots are to be sealed off prior to commissioning. Suitable sealing elements are to be found under "Accessories".

Product properties

Product type	Distributor box
Number of positions	5
Number of slots	8
Coding	A

Electrical properties

Nominal voltage U_N	48 V AC
	60 V DC
Rated current, total	4 A
Max. current carrying capacity per path	2 A
Current carrying capacity per slot	4 A

Connection data

Conductor connection

Sensor/actuator connection system	M12 socket
Tightening torque slot sensor/actuator cable	0.4 Nm

Signaling

Status display present	No

Dimensions

Dimensional drawing	
Width	60 mm
Height	35 mm
Length	170 mm

Material specifications

Material Threaded sleeve	Stainless steel 1.4404

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Material Housing	Stainless steel 1.4404
Material Molding compound	PUR
Flammability rating according to UL 94	V0
Seal material O-ring	FKM
Contact material	CuSn6
Contact surface material	gold-plated
Contact carrier material	PBT

Environmental and real-life conditions

Ambient conditions

Degree of protection	IP65
	IP67
Ambient temperature (operation)	-30 °C ... 80 °C

Standards and regulations

Standard designation	M12 connector
Standards/specifications	IEC 61076-2-101

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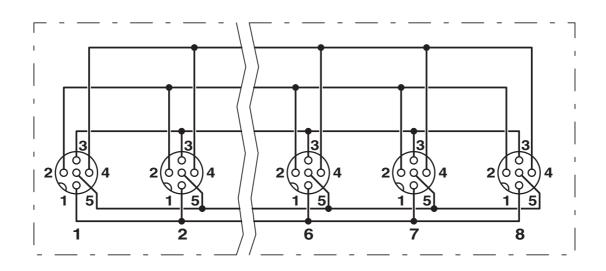
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Drawings
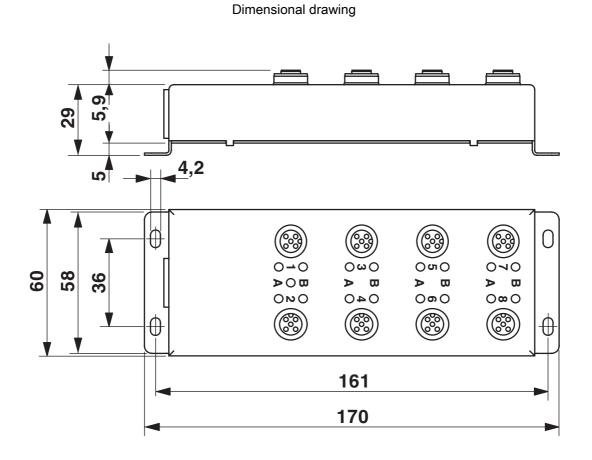
Circuit diagram
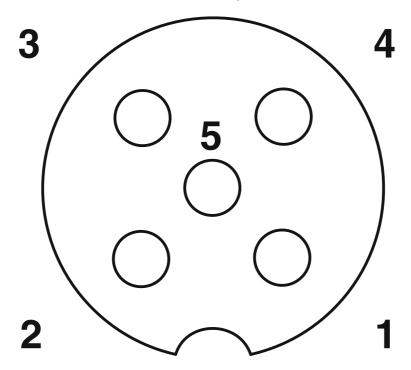
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Dimensional drawing

Schematic diagram

M12 slot, socket, 5-pos.

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Classifications

ECLASS

ECLASS-11.0	27440111
ECLASS-12.0	27440111
ECLASS-13.0	27440111

ETIM

ETIM 8.0	EC003558

UNSPSC

UNSPSC 21.0	31251500

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Environmental product compliance

EU RoHS

Fulfills EU RoHS substance requirements	Yes, No exemptions

China RoHS

Environment friendly use period (EFUP)	EFUP-E
	No hazardous substances above the limits

EU REACH SVHC

REACH candidate substance (CAS No.)	No substance above 0.1 wt%

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Accessories

PROT-M12 FB - Screw plug

1555538

https://www.phoenixcontact.com/us/products/1555538

M12 high-grade steel screw plug, for unoccupied M12 sockets of the sensor/actuator cables, boxes and flush-type connectors for the food industry