

SACB-8/16-L-20,0PVC FB - Distributor box



1060994

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Distributor box, application: Food processing industry, connection method: M12 socket, number of slots: 8, number of positions: 5, status display: Yes; master cable connection: Fixed connection, PVC, cable length: 20 m, shielding: no

Your advantages

- Safety in the field, thanks to molded housing and high degree of protection
- Convenient: increased machine availability thanks to quick and easy diagnostics
- Save space: distributor box with double occupancy for two sensors in one slot

Commercial data

Item number	1060994
Packing unit	1 pc
Minimum order quantity	1 pc
Note	Made to order (non-returnable)
Sales key	BF44
Product key	BF3EAA
GTIN	4055626713359
Weight per piece (including packing)	4,385.7 g
Weight per piece (excluding packing)	22.22 g
Customs tariff number	85444290
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
Application	Food processing industry
Number of positions	5
Number of slots	8

Electrical properties

Max. operating voltage U_{max}	30 V DC
Nominal voltage U_N	24 V DC
Rated current, total	12 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	Yes
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Material specifications

Material Threaded sleeve	Stainless steel 1.4404
Material Housing	Stainless steel 1.4404
Material Molding compound	PUR
Seal material O-ring	FKM
Contact material	CuSn6
Contact surface material	gold-plated
Contact carrier material	PBT

Cable/line

Cable length	20 m
Connection method	Fixed connection
AWG signal line	20

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AWG power supply	17
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Standards and regulations

M12

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

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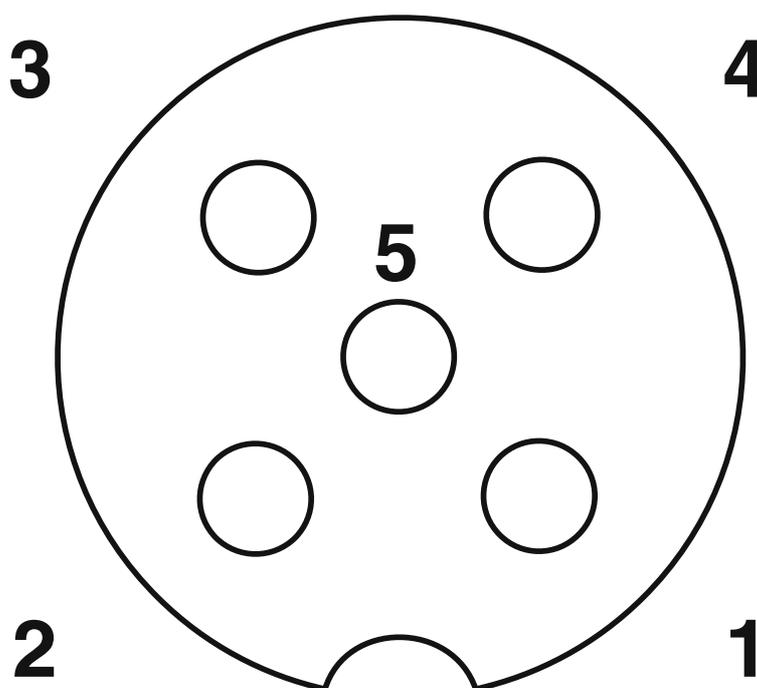


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Drawings

Schematic diagram



Pin assignment M12 socket, 5-pos., A-coded, socket side view

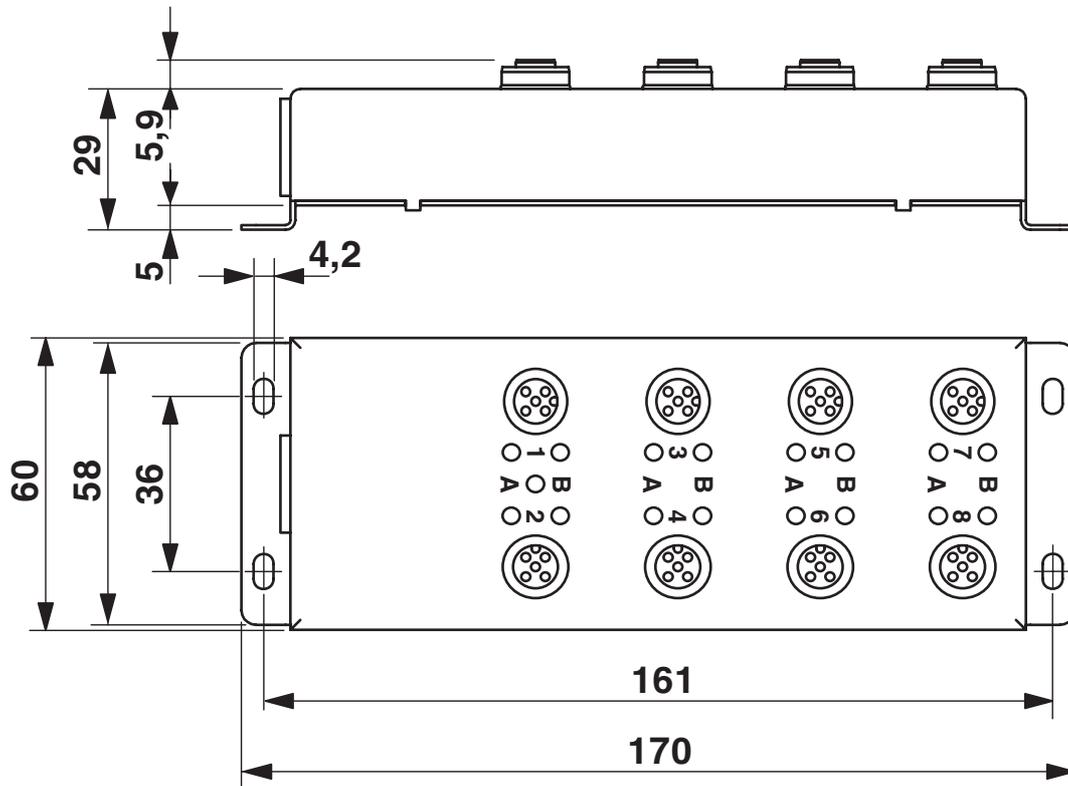
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Dimensional drawing



Dimensional drawing

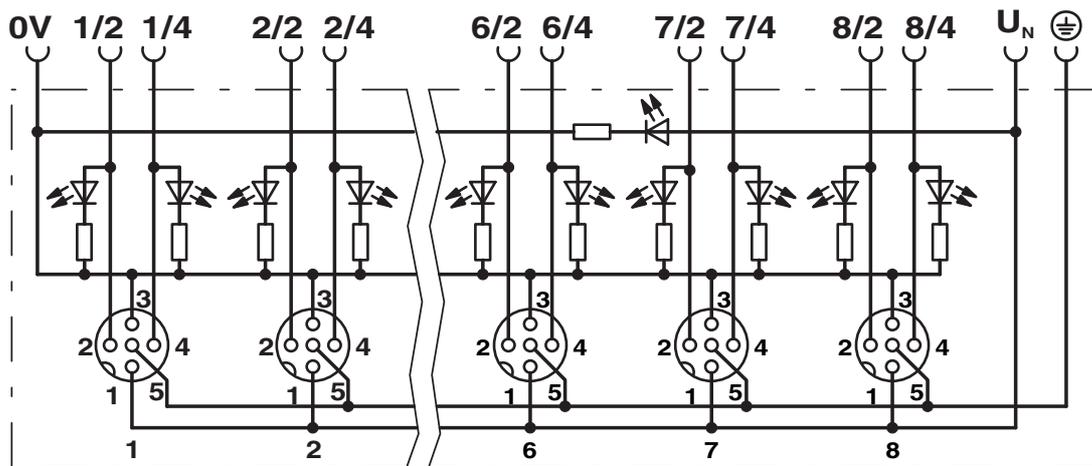
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Circuit diagram



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Classifications

ECLASS

ECLASS-11.0	27440108
ECLASS-12.0	27440108
ECLASS-13.0	27440108

ETIM

ETIM 9.0	EC002585
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UNSPSC

UNSPSC 21.0	31251500
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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

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