

# SACB-8/16-L-20,0PVC FB - Sensor/actuator box



1060994

<https://www.phoenixcontact.com/us/products/1060994>

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Sensor/actuator 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	25 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

General	<b>NOTE:</b> 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.
General	Unused slots are to be sealed off prior to commissioning. Suitable sealing elements are to be found under "Accessories".

### Product properties

Product type	Distributor boxes with M8 to M12 slots
Number of positions	5
Application	Food processing industry
Number of slots	8

### 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

### Connection data

#### Conductor connection

Connection method	Fixed connection
Tightening torque slot sensor/actuator cable	0.4 Nm

### Signaling

Status display present	Yes
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### 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

### Cable/line

Cable length	20 m
Sensor/actuator connection system	M12 socket
Connection method	Fixed connection

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AWG signal line	20
AWG power supply	17
Tightening torque slot sensor/actuator cable	0.4 Nm

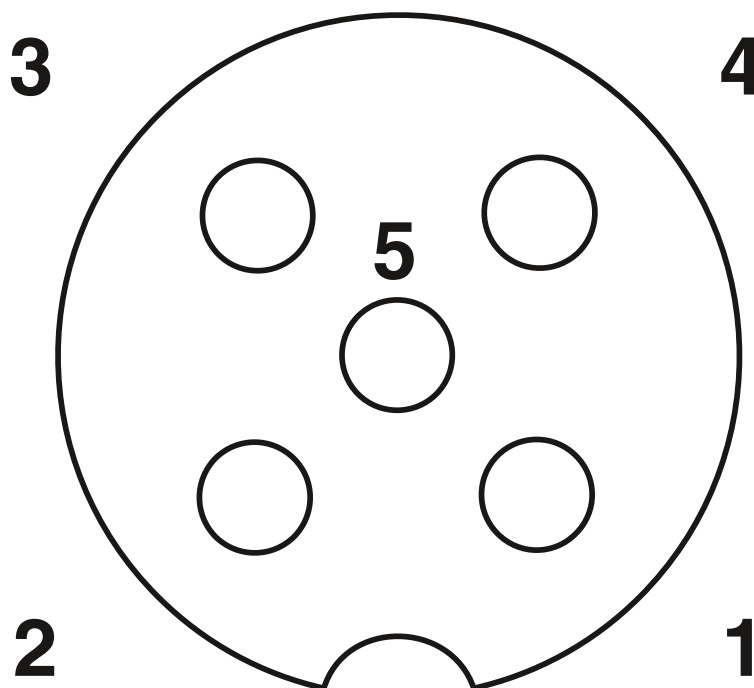
## Standards and regulations

M12

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

Drawings

Schematic diagram



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

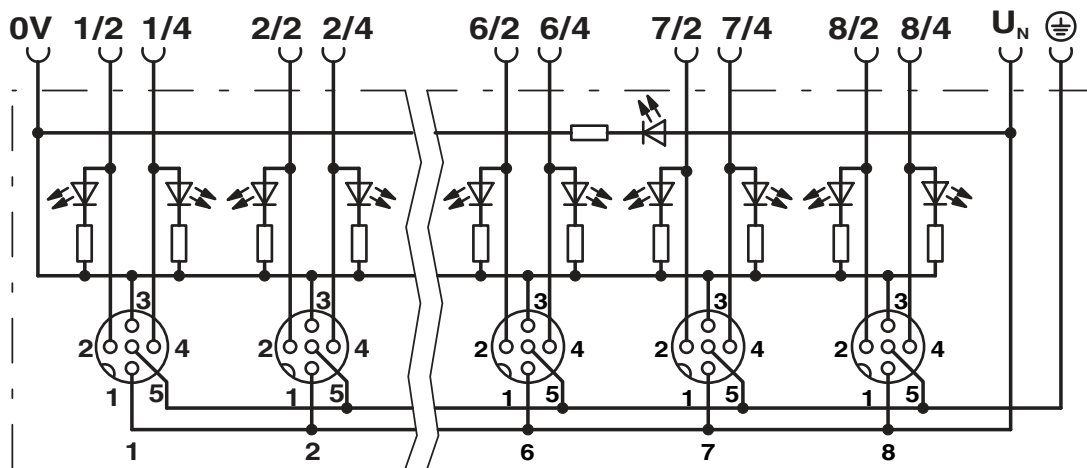
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Circuit diagram



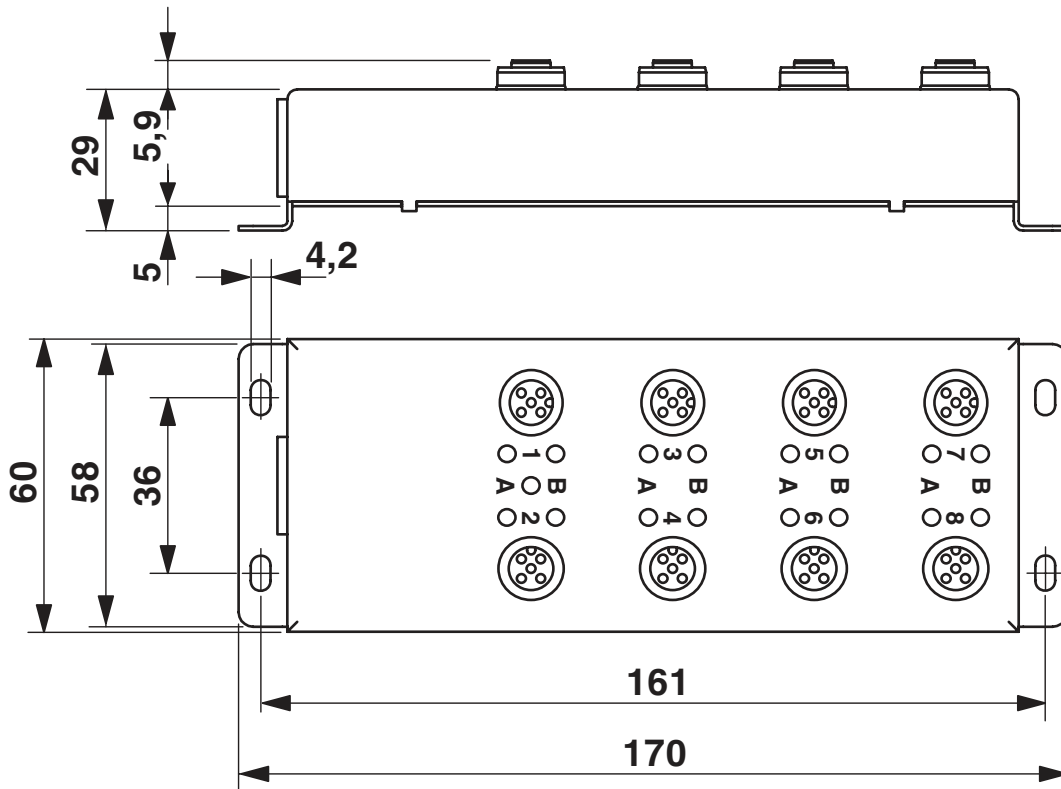
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Dimensional drawing



Dimensional drawing

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## Classifications

### ECLASS

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

### ETIM

ETIM 8.0	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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