

# SACB- 4/3-L-M12-M8 - Distributor box



1516234  
<https://www.phoenixcontact.com/it/products/1516234>

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Distributor box, application: Standard, connection method: M8 socket Metal, number of slots: 4, number of positions: 3, coding: A, slot assignment: single, status display: Yes, pnp; master cable connection: M12 plug connection 90°, 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

## Commercial data

Item number	1516234
Packing unit	1 pc
Minimum order quantity	1 pc
Note	Made to order (non-returnable)
Sales key	BF3
Product key	BF3BCB
Catalog page	Page 260 (C-2-2019)
GTIN	4017918967161
Weight per piece (including packing)	92.9 g
Weight per piece (excluding packing)	91.7 g
Customs tariff number	85366990
Country of origin	PL

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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".

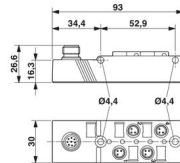
### Product properties

Product type	Distributor boxes with M8 to M12 slots
Number of positions	3
Application	Standard
Number of slots	4
Coding	A
LED	yes

### Material specifications

Material Threaded sleeve	Cu alloy
Material Housing	PBT
Material Molding compound	PUR
Flammability rating according to UL 94	V0
Seal material O-ring	NBR
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

### Dimensions

Dimensional drawing	
Width	30 mm
Height	27 mm
Length	93 mm

### Signaling

Status display present	Yes
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## Electrical properties

Max. operating voltage $U_{\max}$	30 V DC
Local diagnostics	Supply voltage per module Green LED
	Status display I/O Yellow LED
Nominal voltage $U_N$	24 V DC
Rated current, total	4 A
Max. current carrying capacity per path	2 A
Current carrying capacity per slot	2 A

## Cable/line

Sensor/actuator connection system	M8 socket
Connection method	M12 plug connection
Tightening torque - master cable - plug connection	0.4 Nm
Tightening torque slot sensor/actuator cable	0.2 Nm

## Standards and regulations

### M12

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

### M8

Standard designation	M8 connector
Standards/specifications	IEC 61076-2-104

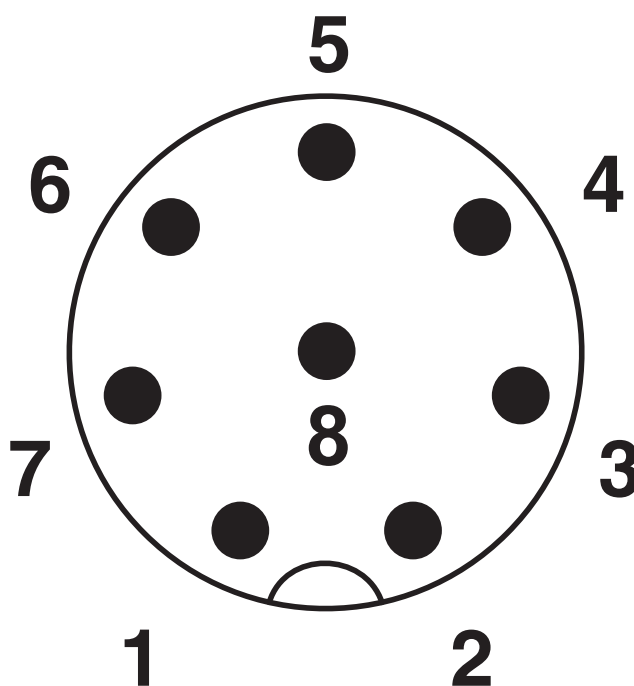
## Environmental and real-life conditions

### Ambient conditions

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

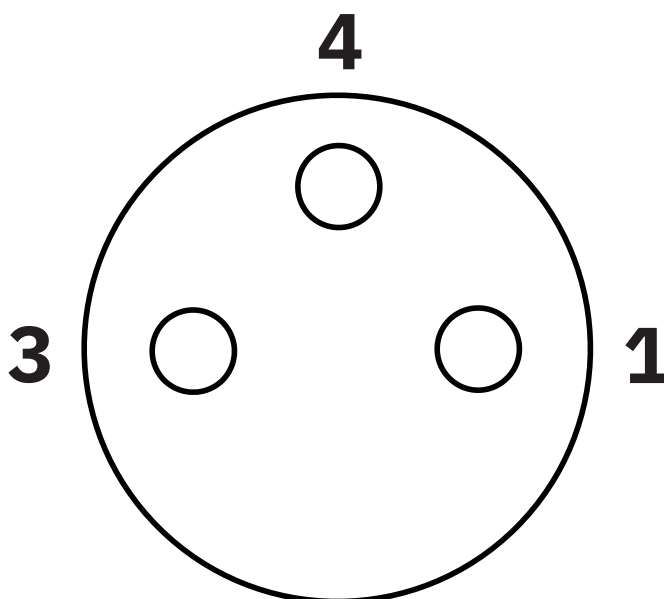
## Drawings

Schematic diagram



Connector pin assignment for M12 plug-in connection, 8-pos.

Schematic diagram



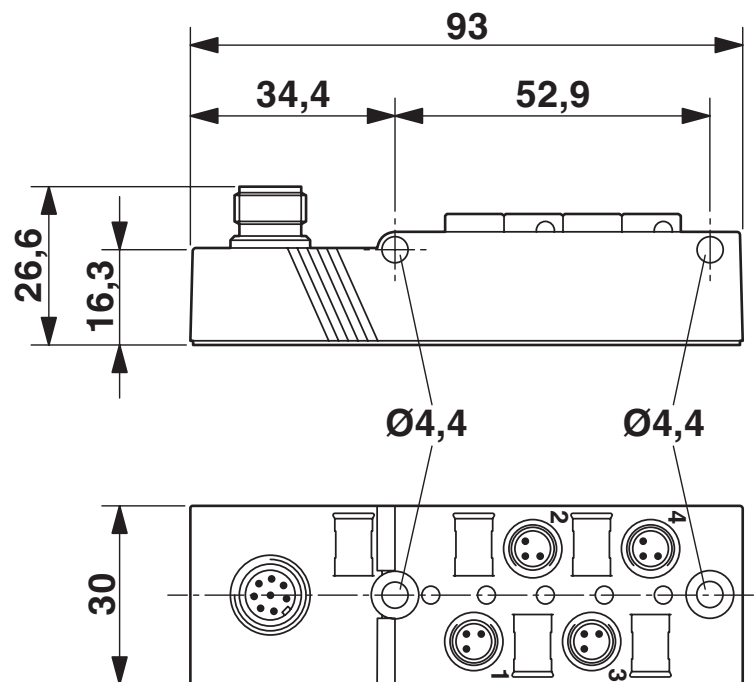
Pin assignment M8 socket, 3-pos.

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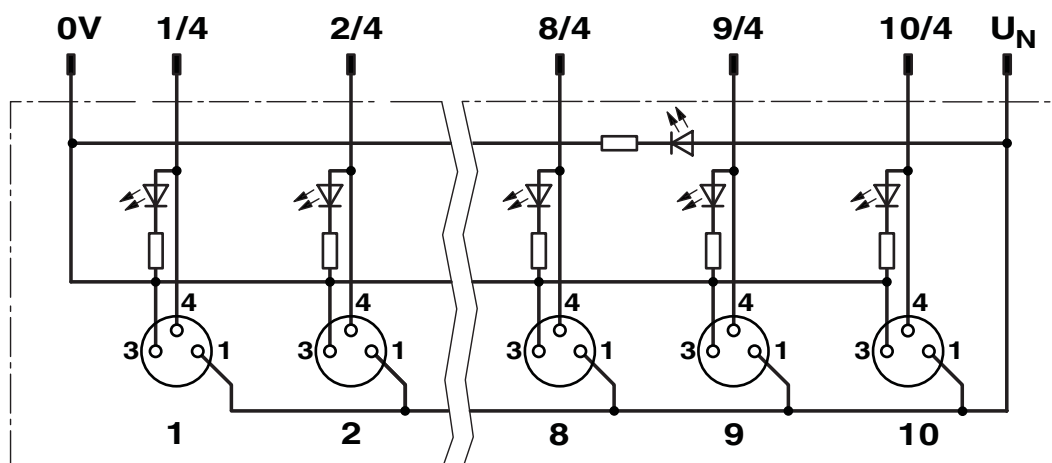
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Dimensional drawing



Circuit diagram



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## Classifications

### ECLASS

ECLASS-11.0	27440111
ECLASS-13.0	27440111

### UNSPSC

UNSPSC 21.0	31251501
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## Environmental product compliance

China RoHS	Environmentally Friendly Use Period = 50 years
	For information on hazardous substances, refer to the manufacturer's declaration available under "Downloads"

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