

# SACB-SH-8 PARA VA - Distributor box



1401261

<https://www.phoenixcontact.com/us/products/1401261>

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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	1401261
Packing unit	1 pc
Minimum order quantity	1 pc
Product key	AF3EAA
GTIN	4046356546232
Weight per piece (including packing)	525 g
Weight per piece (excluding packing)	525 g
Country of origin	DE

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## Technical data

### Notes

Assembly note	<b>NOTE:</b> Observe the permissible bending radii when routing cables, since the degree of protection may be at risk if the bending forces are too high. Reduce 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

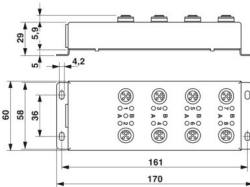
#### Conductor connection

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

### Signaling

Status display present	no
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### 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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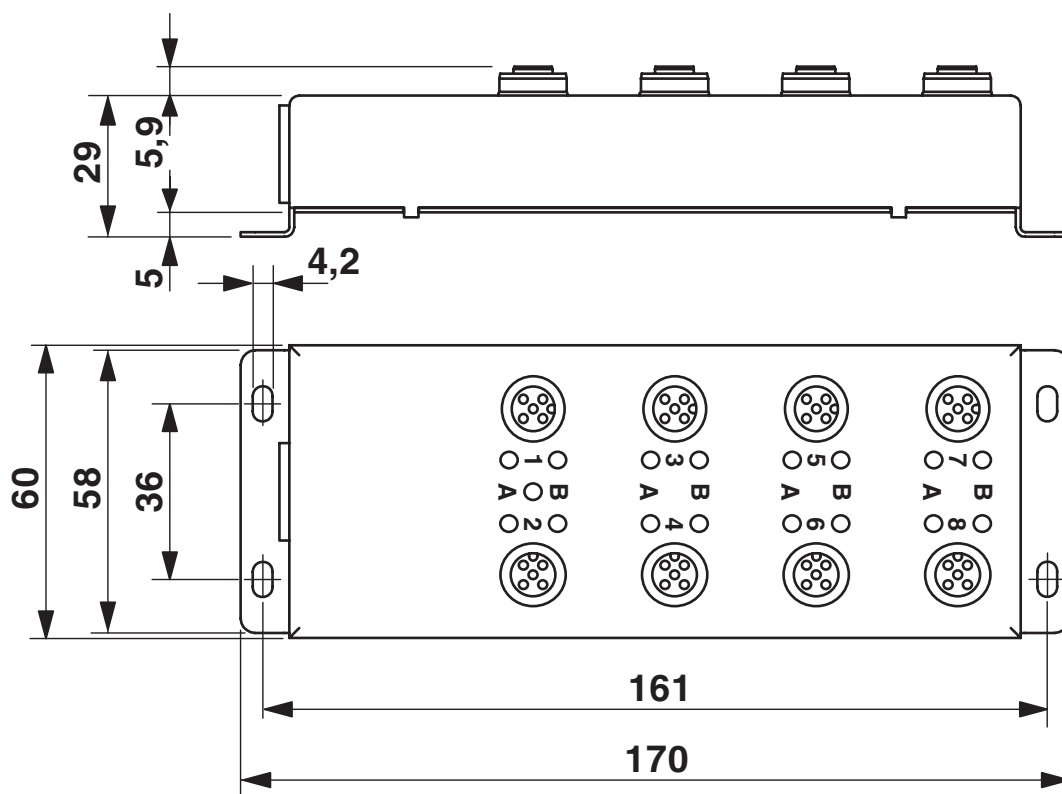


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## Drawings

Dimensional drawing

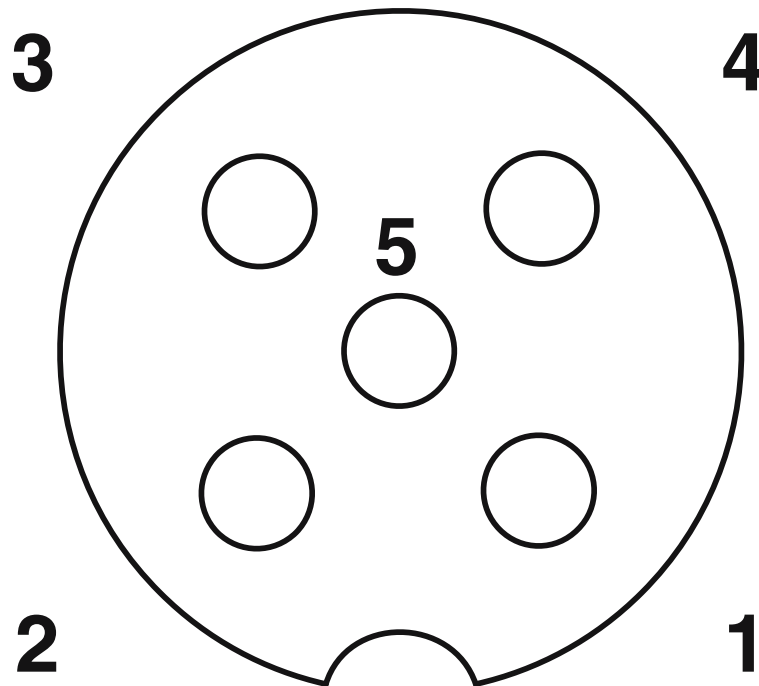


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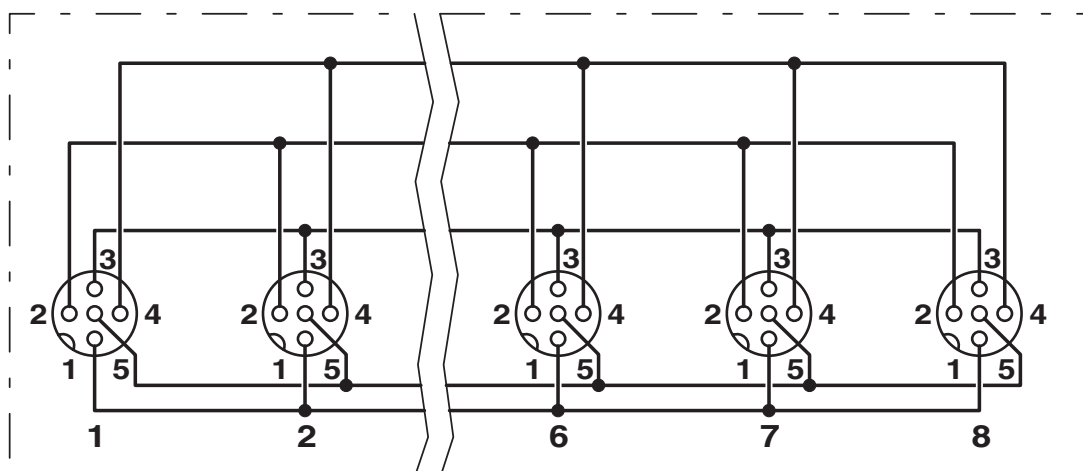
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Schematic diagram



M12 slot, socket, 5-pos.

Circuit diagram



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## Classifications

### ECLASS

ECLASS-13.0	27440111
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### ETIM

ETIM 9.0	EC003558
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### 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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