

SACB-SH-8 PARA VA MOUNT P-PROT - Sensor/actuator box



1407295

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

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Sensor/actuator 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

| | |
|---------|--|
| General | 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. |
| 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 |
| Number of slots | 8 |
| Coding | A |

Material specifications

| | |
|--|------------------------|
| Material | Stainless steel 1.4404 |
| | Stainless steel 1.4404 |
| | 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 |

Dimensions

| | |
|---------------------|--------|
| Dimensional drawing | |
| Width | 60 mm |
| Height | 35 mm |
| Length | 170 mm |

Connection data

Conductor connection

| | |
|--|--------|
| Tightening torque slot sensor/actuator cable | 0.4 Nm |
|--|--------|

Signaling

| | |
|------------------------|----|
| Status display present | No |
|------------------------|----|

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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 |

Cable/line

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

Standards and regulations

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

Environmental and real-life conditions

Ambient conditions

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

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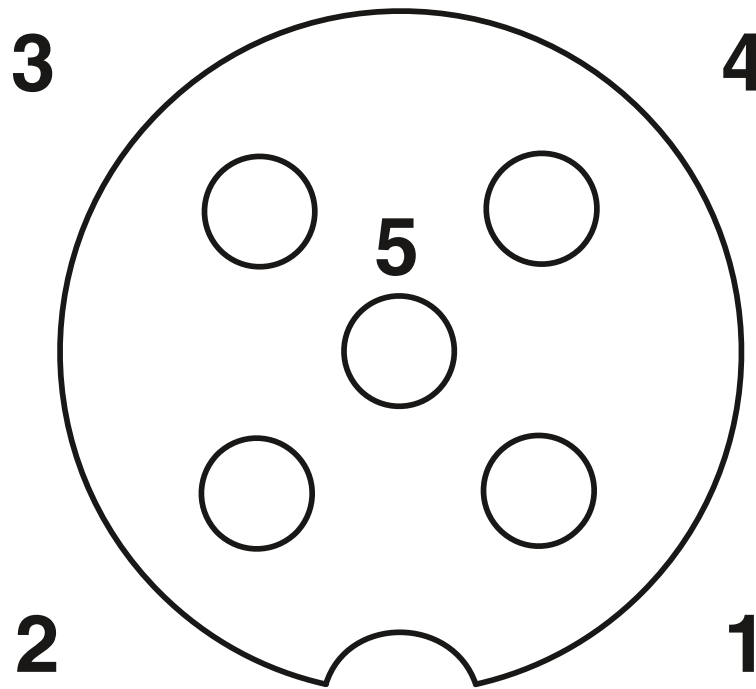


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Drawings

Schematic diagram



M12 slot, socket, 5-pos.

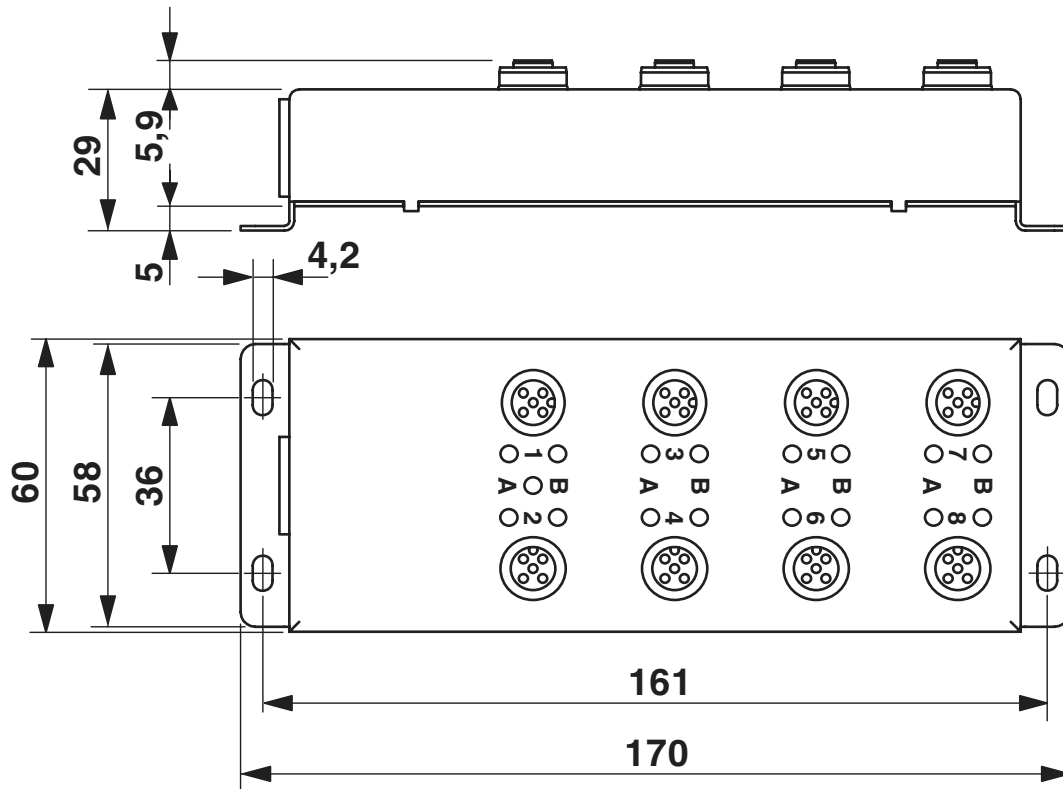
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Dimensional drawing



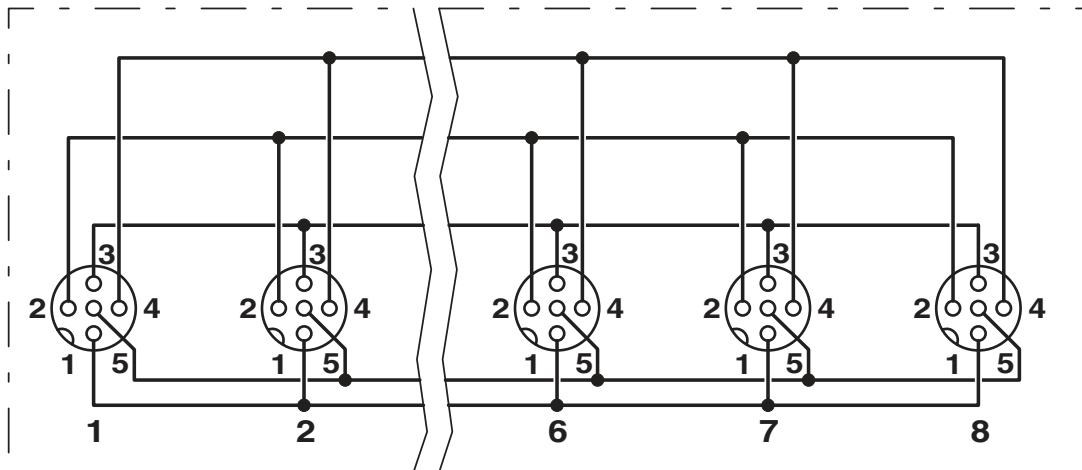
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Circuit diagram



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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

| | |
|------------|---|
| China RoHS | Environmentally friendly use period: unlimited = EFUP-e |
| | No hazardous substances above threshold values |

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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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