

SACB-8-SH PARA - Distributor box



1530171

<https://www.phoenixcontact.com/us/products/1530171>

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Distributor box, connection method: M12 socket Metal, number of slots: 8, number of positions: 5, coding: A, slot assignment: parallel, status display: no, Universal, shielding: yes

Commercial data

| | |
|--------------------------------------|---------------|
| Item number | 1530171 |
| Packing unit | 1 pc |
| Minimum order quantity | 10 pc |
| Product key | AF3CDF |
| GTIN | 4017918982416 |
| Weight per piece (including packing) | 423.1 g |
| Weight per piece (excluding packing) | 411.8 g |
| Country of origin | PL |

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Technical data

Notes

| | |
|---------------------|---|
| Assembly note | NOTE: 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 |
| LED | no |

Electrical properties

| | |
|---|---------|
| Nominal voltage U_N | 48 V |
| | 60 V DC |
| Rated current, total | 3 A |
| Max. current carrying capacity per path | 3 A |
| Current carrying capacity per slot | 3 A |

Connection data

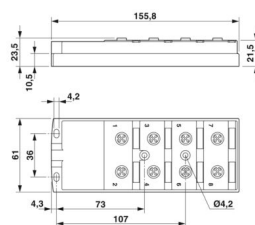
Conductor connection

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

Signaling

| | |
|------------------------|----|
| Status display present | no |
|------------------------|----|

Dimensions

| | |
|---------------------|--|
| Dimensional drawing |  |
| Width | 61 mm |
| Height | 24 mm |
| Length | 156 mm |

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Material specifications

| | |
|--|-------------|
| Material Housing | Aluminum |
| Material Molding compound | PUR |
| Flammability rating according to UL 94 | V0 |
| Seal material O-ring | NBR |
| Contact material | Cu alloy |
| Contact surface material | gold-plated |
| Contact carrier material | PA |

Environmental and real-life conditions

Ambient conditions

| | |
|---------------------------------|------------------|
| Degree of protection | IP65 |
| | IP67 |
| Ambient temperature (operation) | -25 °C ... 70 °C |

Standards and regulations

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

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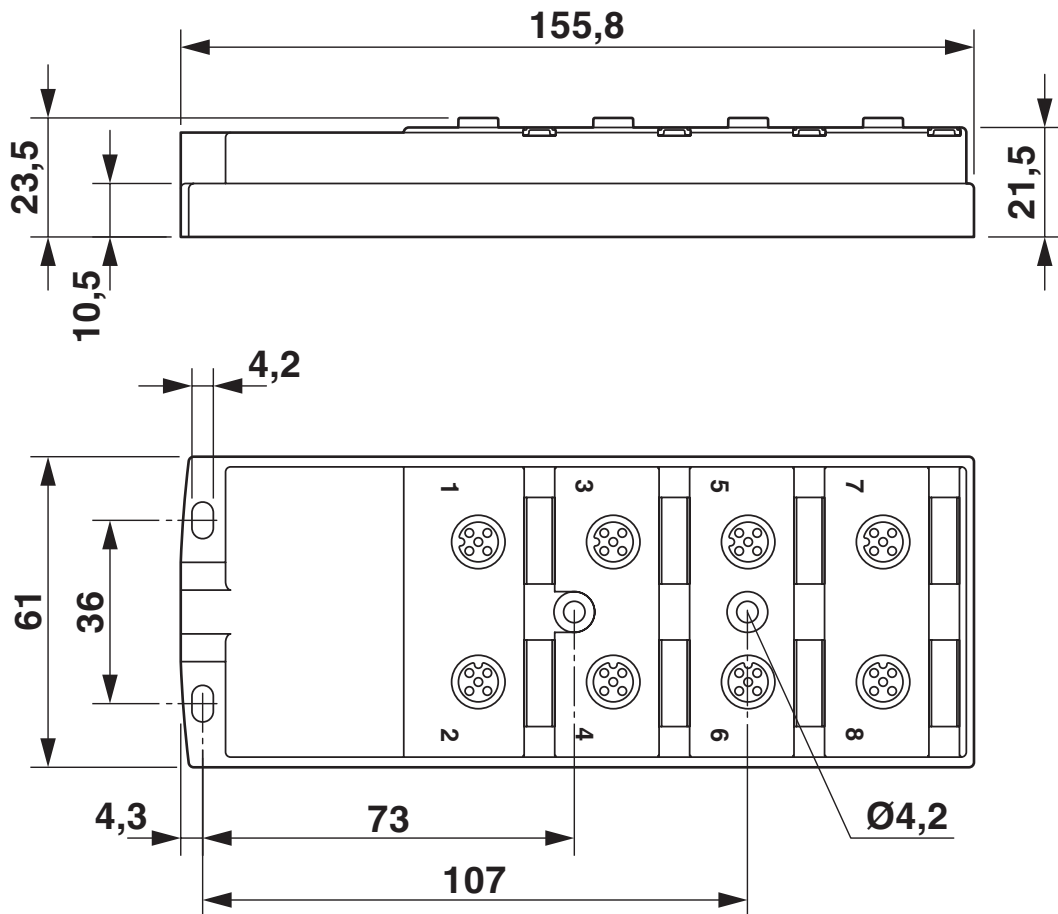


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Drawings

Dimensional drawing

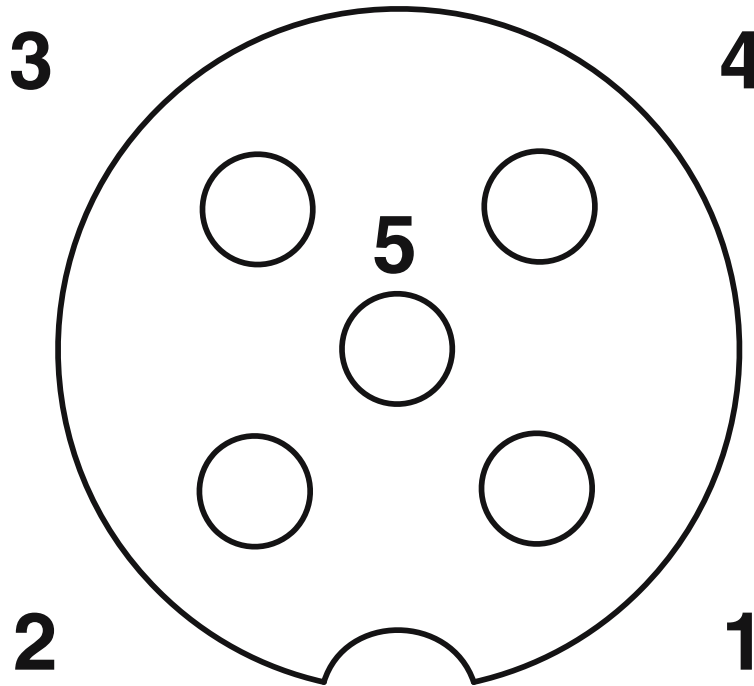


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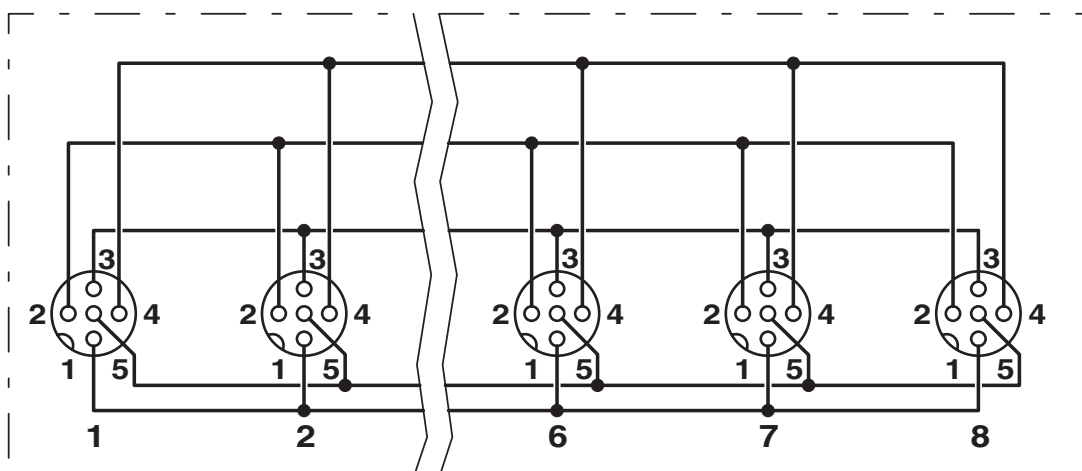
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Schematic diagram



M12 slot, socket, 5-pos.

Circuit diagram



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Classifications

ECLASS

| | |
|-------------|----------|
| ECLASS-13.0 | 27440111 |
| ECLASS-15.0 | 27440111 |

UNSPSC

| | |
|-------------|----------|
| UNSPSC 21.0 | 31251501 |
|-------------|----------|

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Environmental product compliance

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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Phoenix Contact USA
586 Fulling Mill Road
Middletown, PA 17057, United States
(+717) 944-1300
info@phoenixcon.com