

## SACB-4/ 3-L- 5,0PUR M5

Order No.: 1530663



<http://eshop.phoenixcontact.de/phoenix/treeViewClick.do?UID=1530663>

Sensor/actuator box, M5 socket, 4 Slots, 3-position, Status indication:  
Yes, pnp 180°, PUR/PVC, Cable length: 5 m, Shielding: No

### Commercial data

|                          |                    |
|--------------------------|--------------------|
| GTIN (EAN)               | 4017918993429      |
| sales group              | D102               |
| Pack                     | 1 pcs.             |
| Customs tariff           | 85366990           |
| Weight/Piece             | 0.2954 KG          |
| Catalog page information | Page 121 (PC-2009) |

### Product notes

WEEE/RoHS-compliant since:  
03/23/2006



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### Technical data

#### General data

|                                          |         |
|------------------------------------------|---------|
| Rated voltage                            | 24 V DC |
| Max. operating voltage $U_{max}$         | 30 V DC |
| Current carrying capacity per I/O signal | 1 A     |
| Current carrying capacity per slot       | 1 A     |
| Total rated current                      | 3 A     |

|                                    |                  |
|------------------------------------|------------------|
| Number of positions                | 3                |
| Number of slots                    | 4                |
| Degree of protection               | IP67             |
| Inflammability class acc. to UL 94 | V0               |
| Ambient temperature (operation)    | -25 °C ... 80 °C |
| Sensor/actuator connection system  | M5 socket        |

#### Local diagnostics function

|                   |                               |
|-------------------|-------------------------------|
| Local diagnostics | Supply voltage LED green      |
|                   | Status display I/O Yellow LED |

#### Master cable data

|                                 |                                                  |
|---------------------------------|--------------------------------------------------|
| Type of connection              | Fixed connection                                 |
| Length of cable                 | 5 m                                              |
| Cable type                      | Master cable suitable for flexible cable conduit |
| Signal line cross section       | 8x 0.25 mm <sup>2</sup>                          |
| Power supply cross section      | 2x 0.5 mm <sup>2</sup>                           |
| External diameter               | 6 mm                                             |
| Max. bending cycles             | 1000000                                          |
| Ambient temperature (operation) | -30 °C ... 70 °C (cable, fixed installation)     |
|                                 | -5 °C ... 70 °C (cable, flexible installation)   |

#### Insulation material

|                                     |               |
|-------------------------------------|---------------|
| Housing material                    | PA-GF         |
| Contact material                    | CuZn          |
| Contact surface material            | Ni/Au         |
| Material of threaded sleeve         | Cu alloy      |
| Material of threaded sleeve surface | Nickel-plated |

#### Pin assignment

|                                          |                       |
|------------------------------------------|-----------------------|
| Slot/position = Wire color or connection | 1 / 4 (A) = WH        |
|                                          | 2 / 4 (A) = GN        |
|                                          | 3 / 4 (A) = YE        |
|                                          | 4 / 4 (A) = GY        |
|                                          | 1-4 / 1 (+ 24 V) = BN |
|                                          | 1-4 / 3 (0 V) = BU    |

Accessories

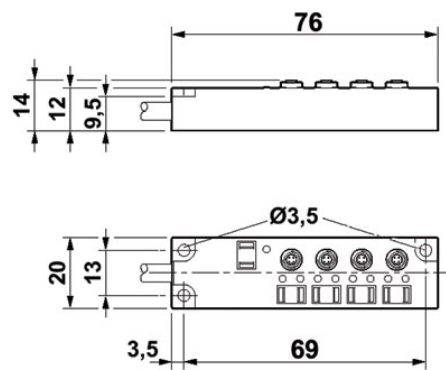
| Item | Designation | Description |
|------|-------------|-------------|
|------|-------------|-------------|

Protection and sealing elements

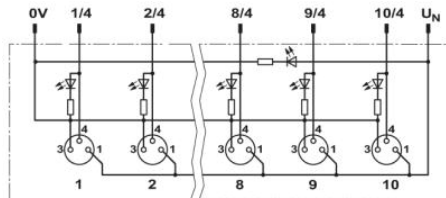
|         |         |                                                                                                               |
|---------|---------|---------------------------------------------------------------------------------------------------------------|
| 1533288 | PROT-M5 | An M5 screw plug for the unoccupied M5 sockets of the sensor/ actuator cable, boxes and flush-type connectors |
|---------|---------|---------------------------------------------------------------------------------------------------------------|

Diagrams/Drawings

Dimensioned drawing

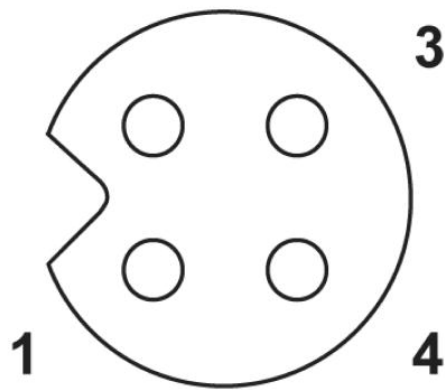


Circuit diagram



Schematic diagram

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M5 slot, socket, 3-pos.

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