

## Sensor/actuator box - SACB-8/ 4-L-10,0PUR M5 - 1530757

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Sensor/actuator box, Connection method: M5 socket Metal, Number of slots: 8, Number of positions: 4, Slot assignment: Double, Status indication: Yes, pnp; Master cable connection: Fixed connection 180°, PUR/PVC, Cable length: 10 m, Shielding: No

### Product Features

- ✓ Safety in the field, thanks to molded housing and high degree of protection
- ✓ Flexible, distributed bundling of signals in one master cable
- ✓ Convenient: increased machine availability thanks to quick and easy diagnostics
- ✓ Save space: distributor box with double occupancy for two sensors in one slot



### Key commercial data

|                                      |            |
|--------------------------------------|------------|
| Packing unit                         | 1 PCE      |
| Weight per Piece (excluding packing) | 1031.0 GRM |
| Custom tariff number                 | 85444290   |
| Country of origin                    | Germany    |

### Technical data

#### General

|  |           |
|--|-----------|
| 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                      | 4         |
| Number of slots                          | 8         |
| Inflammability class according to UL 94  | V0        |
| Sensor/actuator connection system        | M5 socket |

#### Ambient conditions

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### Technical data

#### Ambient conditions

|                                 |  |
|---------------------------------|--|
| Degree of protection            | IP67   |
| Ambient temperature (operation) | -25 °C ... 80 °C                               |
|                                 | -30 °C ... 70 °C (cable, fixed installation)   |
|                                 | -5 °C ... 70 °C (cable, flexible installation) |

#### Local diagnostics function

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

#### Master cable data/connection data

|                            |  |
|----------------------------|--|
| Connection method          | Fixed connection                                 |
| Length of cable            | 10 m   |
| Cable type                 | Master cable suitable for flexible cable conduit |
| Signal line cross section  | 16x 0.25 mm <sup>2</sup>                         |
| Power supply cross section | 2x 0.5 mm <sup>2</sup>                           |
| External diameter          | 8 mm   |
| Max. bending cycles        | 1000000  |

#### 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    |
|  | 1 / 2 (B) = GY/PK |
|  | 2 / 4 (A) = GN    |
|  | 2 / 2 (B) = RD/BU |
|  | 3 / 4 (A) = YE    |
|  | 3 / 2 (B) = WH/GN |
|  | 4 / 4 (A) = GY    |
|  | 4 / 2 (B) = BN/GN |
|  | 5 / 4 (A) = PK    |
|  | 5 / 2 (B) = WH/YE |
|  | 6 / 4 (A) = RD    |
|  | 6 / 2 (B) = YE/BN |
|  | 7 / 4 (A) = BK    |

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### Technical data

#### Pin assignment

|  |                       |
|--|-----------------------|
|  | 7 / 2 (B) = WH/GY     |
|  | 8 / 4 (A) = VT        |
|  | 8 / 2 (B) = GY/BN     |
|  | 1-8 / 1 (+ 24 V) = BN |
|  | 1-8 / 3 (0 V) = BU    |

### Classifications

#### eCl@ss

|            |          |
|------------|----------|
| eCl@ss 4.0 | 27140815 |
| eCl@ss 4.1 | 27140815 |
| eCl@ss 5.0 | 27143423 |
| eCl@ss 5.1 | 27143423 |
| eCl@ss 6.0 | 27143423 |
| eCl@ss 7.0 | 27449001 |
| eCl@ss 8.0 | 27449001 |

#### ETIM

|          |          |
|----------|----------|
| ETIM 2.0 | EC000200 |
| ETIM 3.0 | EC001856 |
| ETIM 4.0 | EC002585 |
| ETIM 5.0 | EC002585 |

#### UNSPSC

|               |          |
|---------------|----------|
| UNSPSC 6.01   | 31261501 |
| UNSPSC 7.0901 | 31261501 |
| UNSPSC 11     | 31261501 |
| UNSPSC 12.01  | 31261501 |
| UNSPSC 13.2   | 31261501 |

### Approvals

#### Approvals

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Approvals

GOST

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## Approvals

Ex Approvals

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Approvals submitted

## Approval details



## Accessories

Accessories

Protective cap

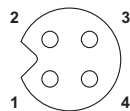
Screw plug - PROT-M5 - 1533288



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

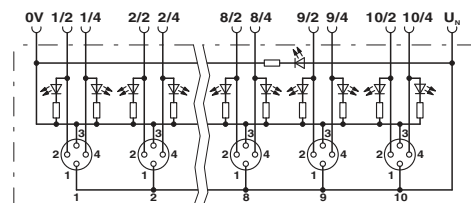
## Drawings

Schematic diagram



M5 slot, socket, 4-pos.

Circuit diagram



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Dimensioned drawing

