



Automatización Eléctrica
Especialistas en Automatización

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Sensor/actuator box - SACB-4/ 4-L-10,0PUR M5 - 1530715

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Sensor/actuator box, Application: Standard, Connection method: M5 socket Metal, Number of slots: 4, 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

Why buy this product

- 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 STK |
| GTIN | 4 017918 993474 |

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 | 4 |
| Flammability rating according to UL 94 | V0 |
| Sensor/actuator connection system | M5 socket |

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 |
|-------------------|--------------------------|

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Technical data

Local diagnostics function

| | |
|--|-------------------------------|
| | 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 ² |
| Power supply cross section | 2x 0.5 mm ² |
| 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 |
| | 1-4 / 1 (+ 24 V) = BN |
| | 1-4 / 3 (0 V) = BU |

Standards and Regulations

| | |
|--|-----------------|
| Standard designation | M5 connector |
| Standards/regulations | IEC 61076-2-105 |
| Flammability rating according to UL 94 | V0 |

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 |

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Classifications

eCl@ss

| | |
|------------|----------|
| eCl@ss 7.0 | 27449001 |
| eCl@ss 8.0 | 27279219 |

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

Approvals

EAC

Ex Approvals

Approvals submitted

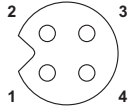
Approval details

| |
|-----|
| EAC |
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Drawings

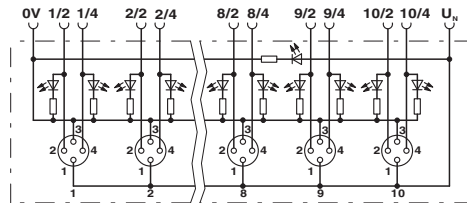
Sensor/actuator box - SACB-4/ 4-L-10,0PUR M5 - 1530715

Schematic diagram

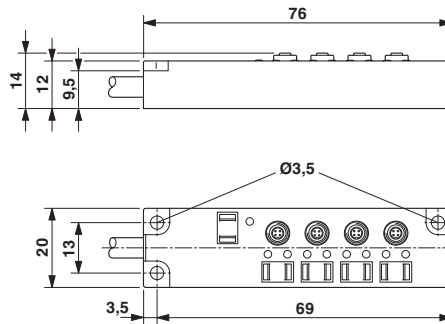


M5 slot, socket, 4-pos.

Circuit diagram



Dimensional drawing



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