

PSEN cs3.1 M12/8-0.15m/PSEN cs3.1 1Unit

541009



RFID safety switch 2 safe SC outputs, 8-pin M12 male connector, one actuation direction, support for SDD, IP67, switching distance 11 mm, Sao = 8 mm, Sar = 20 mm, series connection, PU = 1 piece coded switch with actuator.

Technical details

General data

| | |
|---------------------------------|--|
| Approval: | CE, UKCA, cULus Listed, FCC, IC, TÜV, EAC (Eurasian) |
| Sensor principle: | Transponder |
| Coding level to ISO 14119: | Low |
| Classification to EN 60947-5-3: | PDDDB |
| Transponder coding: | coded |
| Suitable for series connection: | yes |
| unit type: | Unit |

Technical data

Electrical data

| | |
|----------------------------|-----------|
| Supply voltage (V): | 24 - 24 V |
| Type of supply voltage U1: | DC |
| Power consumption DC: | 1 W |

Inputs

| | |
|----------------------|---------|
| Number of inputs: | 2 |
| DC voltage at input: | 24 V DC |

Semiconductor outputs

| | |
|----------------------------|----|
| Number of OSSD outputs: | 2 |
| Number of sig. outputs: | 1 |
| Potential isolation S/C O: | No |

| | |
|---------------------------------|----------------------------------|
| S/C output short circuit proof: | Yes |
| Utilisation cat. to EN 60947-1: | DC-12 |
| Environmental data | |
| Ambient temperature standard: | EN 60068-2-14 |
| Ambient temperature: | -25 - 70 °C |
| Storage temperature standard: | EN 60068-2-1/-2 |
| Climatic suitability standard: | EN 60068-2-78 |
| Humidity rating: | 93 % r. h. at 40 °C |
| EMC to standard ...: | EN 60947-5-3 |
| Vibration to standard ...: | EN 60947-5-2 |
| Acc. shock to standard1: | 30g |
| Overvoltage category: | III |
| Pollution degree clear.&creep.: | 3 |
| Switching distances | |
| Change op. dist. temp.change: | +0.01mm/°C |
| Mechanical data | |
| Bend radius (when laying) K1: | 5 x Ø |
| Type 1 actuator: | PSEN cs3.1 |
| Sensor can be flush-mounted: | Yes, follow installation guide |
| Connection type: | M12, 8-pin male |
| Cable lines: | Li9Y11Y 8 x 0.14 mm ² |
| Housing material upper part: | PBT |
| Height dimension: | 37 mm |
| Width dimension: | 26 mm |
| Depth dimension: | 18 mm |
| Net weight: | 50 g |
| Gross weight: | 70 g |
| Transponder | |
| Operating frequency: | 122 kHz - 128 kHz |

| Environment | |
|--------------------------------|--------------------------------|
| RoHS directive: | 2011/65/EU, 2015/863/EU |
| RoHS conformity: | yes |
| RoHS exceptions: | yes |
| RoHS except.s acc. to direct.: | 7a, 7c I |
| REACH compliance: | contains min. 1 SVHC-substance |
| REACH included substances: | Lead, Imidazolidine-2-thione |
| %-part of the pollutant: | > 0,1% |
| CAS No.: | 7439-92-1, 96-45-7 |
| WEEE classification (08/2018): | 5 devices (feed size < 50cm) |
| Commercial data | |
| Harmonized System Code: | 85365019 |
| ECLASS version: | ECLASS-9.1 |
| ECLASS Reference Feature: | 27272403 |
| ETIM Version: | ETIM-7.0 |
| ETIM Reference Group: | EG000026 |
| ETIM Reference Feature: | EC001829 |

Optional accessories



540324

PSEN cable angle M12 8-pole 10m



540325

PSEN cable angle M12 8-pole 30m



540326

PSEN cable axial M12 8-pole 30m



540338

PSEN Y junction M12-M12/M12 PIGTAIL



540320

PSEN cable axial M12 8-pole 5m



540342

PSEN cable M12-8sf M12-8sm, 10m



540331

PSEN T junction (auxiliary contact) M12



540321

PSEN cable axial M12 8-pole 10m



540343

PSEN cable M12-8sf M12-8sm, 20m



540322

PSEN cable angle M12 8-pole 3m



540344

PSEN cable M12-8sf M12-8sm, 30m



540333

PSEN cable M12-8sf, 20m



540323

PSEN cable angle M12 8-pole 5m



540319

PSEN cable axial M12 8-pole 3m



540130

SDD ES ETH



540340

PSEN cable M12-8sf M12-8sm, 2m



540341

PSEN cable M12-8sf M12-8sm, 5m



540132

SDD ES PROFIBUS



773603

PDP67 F 4 code