

## PSEN sl-1.0p 1.1 1switch

570610



Safety switch, with electromagnetic guard locking, coded, for safety locking device PSENslock, guard locking for process protection, holding force 1000 N, 8-pin M12 male connector, series connection

## Technical details

### General data

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

### Technical data

#### Electrical data

|                            |        |
|----------------------------|--------|
| Supply voltage (V):        | 24, 24 |
| Type of supply voltage U1: | DC     |
| Power consumption DC:      | 7.2    |

#### Inputs

|                      |         |
|----------------------|---------|
| Number of inputs:    | 3       |
| DC voltage at input: | 24 V DC |

#### Semiconductor outputs

|                                 |     |
|---------------------------------|-----|
| Number of OSSD outputs:         | 2   |
| Number of sig. outputs:         | 1   |
| 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, 55                                   |
| 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 55011: Class A, EN 60947-5-3, EN 62061 |
| Vibration to standard ...:      | EN 60947-5-2                              |
| Acc. shock to standard1:        | 30g                                       |
| Overvoltage category:           | III                                       |
| Pollution degree clear.&creep.: | 3                                         |
| Mechanical data                 |                                           |
| Holding force magnet on:        | 1000                                      |
| Max. vertical offset:           | 5 mm                                      |
| Max. angular offset:            | 2.5 deg                                   |
| Type 1 actuator:                | PSEN sl-1.0 1.1                           |
| Type 2 actuator:                | PSEN sl-1.0fm 1.1                         |
| Sensor can be flush-mounted:    | Yes, follow installation guide            |
| Connection type:                | M12, 8-pin male                           |
| Cable lines:                    | LiYY 8 x 0.25 mm <sup>2</sup>             |
| Housing material upper part:    | PBT                                       |
| Material of base plate:         | Anticorodal, hard anodised                |
| Height dimension:               | 172                                       |
| Width dimension:                | 45                                        |
| Depth dimension:                | 44                                        |
| Net weight:                     | 1120                                      |
| Gross weight:                   | 1190                                      |
| Transponder                     |                                           |

|                                |                              |
|--------------------------------|------------------------------|
| Operating frequency:           | 122 kHz - 128 kHz            |
| Environment                    |                              |
| WEEE classification (08/2018): | 5 devices (feed size < 50cm) |
| Commercial data                |                              |
| Harmonized System Code:        | 85365019                     |
| UNSPSC 25:                     | 39122205                     |
| EAN-Code:                      | 4046548061338                |
| ECLASS version:                | ECLASS-13                    |
| ECLASS Reference Feature:      | 27272603                     |
| ETIM Version:                  | ETIM-9.0                     |
| ETIM Reference Group:          | EG000026                     |
| ETIM Reference Feature:        | EC002593                     |
| Volume:                        | 0                            |

## Obligatory 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



540320

PSEN cable axial M12 8-pole 5m



540321

PSEN cable axial M12 8-pole 10m



540322

PSEN cable angle M12 8-pole 3m



540323

PSEN cable angle M12 8-pole 5m



540319

PSEN cable axial M12 8-pole 3m

## Optional accessories



540342

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



540331

PSEN T junction (auxiliary contact) M12



540343

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



540344

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



540333

PSEN cable M12-8sf, 20m



540312

PSEN screw M5x20 10pcs



540340

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



540341

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



570550

PSEN sl bracket swing door



540328

PSEN Y junction M12-M12/M12



570551

PSEN sl bracket sliding door



773603

PDP67 F 4 code