

## PSEN sI2-DM1-P switch

6N000001



Safety switch with electromagnetic guard locking, coded, for safety guard locking device PSENslock2, guard locking for processprotection, holding force 1000 N, 8-pin M12 male connector, series connection

## 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: | PDDb                                                 |
| Transponder coding:             | coded                                                |
| Suitable for series connection: | yes                                                  |
| unit type:                      | Sensor                                               |

### Technical data

#### Electrical data

|                            |           |
|----------------------------|-----------|
| Supply voltage (V):        | 24 - 24 V |
| Type of supply voltage U1: | DC        |
| Power consumption DC:      | 4.5 W     |

#### 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-13                                         |
| Environmental data              |                                               |
| Ambient temperature standard:   | EN 60068-2-14                                 |
| Ambient temperature:            | -25 - 60 °C                                   |
| Storage temperature standard:   | EN 60068-2-1/-2                               |
| Climatic suitability standard:  | EN 60068-2-78                                 |
| Humidity rating:                | 93 % r. h. at 40 °C                           |
| Perm. operating height ASL:     | 2000 m                                        |
| EMC to standard ...:            | EN 55011: Class A, EN 60947-5-3, EN 61326-3-1 |
| Vibration to standard ...:      | EN 60068-2-6                                  |
| Acc. shock to standard1:        | 30g                                           |
| Overvoltage category:           | III                                           |
| Pollution degree clear.&creep.: | 3                                             |
| Protection type, housing:       | IP67                                          |
| UL enclosure type:              | type 1                                        |
| Mechanical data                 |                                               |
| Max. vertical offset:           | 5 mm                                          |
| 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>                 |
| Product material:               | Coated steel, Plastic, Stainless steel        |
| Housing material upper part:    | PBT                                           |
| Height dimension:               | 120 mm                                        |
| Width dimension:                | 45 mm                                         |
| Depth dimension:                | 44 mm                                         |
| Net weight:                     | 775 g                                         |
| Gross weight:                   | 982 g                                         |
| Transponder                     |                                               |
| Operating frequency:            | 122 kHz - 128 kHz                             |

| Environment                    |                              |
|--------------------------------|------------------------------|
| WEEE classification (08/2018): | 5 devices (feed size < 50cm) |
| Commercial data                |                              |
| ECLASS version:                | ECLASS-13                    |
| ECLASS Reference Feature:      | 27272603                     |
| ETIM Version:                  | ETIM-9.0                     |
| ETIM Reference Group:          | EG000026                     |
| ETIM Reference Feature:        | EC002593                     |
| UNSPSC 25:                     | 39122205                     |
| GTIN:                          | 4046548092356                |
| Volume:                        | 1.814 dm3                    |
| Harmonized System Code:        | 85365019                     |
| Type of tariff number:         | TARIC                        |
| Use of customs tariff number:  | Ausfuhr, Einfuhr             |
| Quantity per packaging unit:   | 1                            |

## Obligatory accessories



6N000025

PSEN sl2-M-AL actuator



6N000028

PSEN sl2-M-VA actuator

## Optional accessories



380325

PSEN sl adapter



540312

PSEN screw M5x20 10pcs



540315

PSEN Y junction M12 SENSOR



540319

PSEN cable axial M12 8-pole 3m



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



540324

PSEN cable angle M12 8-pole 10m



540325

PSEN cable angle M12 8-pole 30m



540326

PSEN cable axial M12 8-pole 30m



540333

PSEN cable M12-8sf, 20m



540338

PSEN Y junction M12-M12/M12 PIGTAIL



540340

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



540341

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



540342

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



540343

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



540344

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



540345

PSEN cable M12-8sf M12-8sm, 0,5m



540346

PSEN cable M12-8sf M12-8sm, 1m



540347

PSEN cable M12-8sf M12-8sm, 1,5m



570550

PSEN sl bracket swing door



570551

PSEN sl bracket sliding door



570552

PSEN sl restart interlock (padlock)



6N000029

Adapter/SL/M12-8SMX/M12-8SFX/M12-8SFX/PT



6N000031

PSEN sl2 Config Key