## PSEN sl2-DM1-N switch 6N000013




Safety switch with electromagnetic guard locking, coded, for safety guard locking device PSENslock2, guard locking for processprotection, holding force 1000 N, 5-pin M12 male connector, single 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: | no |
| 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: | 1 |
| DC voltage at input: | 24 V DC |
| **Semiconductor outputs** | |
| Number of OSSD outputs: | 2 |
| 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: | -20 - 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 |
| UL enclosure type: | type 1 |
| Mechanical data | |
| Max. vertical offset: | 5 mm |
| Sensor can be flush-mounted: | Yes, follow installation guide |
| Connection type: | M12, 5-pin male |
| Cable lines: | LiYY 5 x 0.25 mm2 |
| 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 classifikation (08/2018): | 5 devices (feed size < 50cm) |

| Commercial data | |
|---|---|
| Harmonized System Code: | 85365019 |
| UNSPSC 25: | 39122205 |
| EAN-Code: | 4046548092479 |
| ECLASS version: | ECLASS-13 |
| ECLASS Reference Feature: | 27272603 |
| ETIM Version: | ETIM-9.0 |
| ETIM Reference Group: | EG000026 |
| ETIM Reference Feature: | EC002593 |
| Volume: | 0 dm3 |

## Obligatory accessories



6N000025 PSEN sl2-M-AL actuator



6N000028 PSEN sl2-M-VA actuator

## Optional accessories



540312 PSEN screw M5x20 10pcs



630347 PSEN op cable angle M12 5-pole 3m



630311 PSEN op cable axial M12 5-pole 5m

| | | |
|---|---|---|
|  | 570552 | PSEN sl restart interlock (padlock) |
|  | 630312 | PSEN op cable axial M12 5-pole 10m |
|  | 570550 | PSEN sl bracket swing door |
|  | 570551 | PSEN sl bracket sliding door |
|  | 630348 | PSEN op cable angle M12 5-pole 5m |
|  | 630349 | PSEN op cable angle M12 5-pole 10m |
|  | 630350 | PSEN op cable angle M12 5-pole 30m |
|  | 630364 | PSEN op cable axial M12 5-pole 50m |
|  | 630298 | PSEN cable M12-5sf 20m |

| | | |
|---|---|---|
|  | 630365 | PSEN op cable angle M12 5-pole 50m |
|  | 630310 | PSEN op cable axial M12 5-pole 3m |
|  | 630297 | PSEN op cable axial M12 5-pole 30m |
|   | 6N000031 | PSEN sl2 Config Key |