

## PSEN ml ba 1.1 switch

570425



Safety switch, coded, for safety guard locking device PSENmlock, with guard locking, with automatic reset, 8-pin M12 male connector, 0.23m cable, single connection

## Technical details

### General data

|                                 |                                      |
|---------------------------------|--------------------------------------|
| Approval:                       | CE, UKCA, cULus Listed, FCC, IC, TÜV |
| Sensor principle:               | Transponder                          |
| Coding level to ISO 14119:      | Low                                  |
| Classification to EN 60947-5-3: | PDDb                                 |
| Transponder coding:             | coded                                |
| Reset type:                     | Automatic reset                      |
| Suitable for series connection: | no                                   |
| unit type:                      | Sensor                               |

### Technical data

#### Electrical data

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

#### 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-13                                                     |
| Environmental data              |                                                           |
| Ambient temperature standard:   | EN 60068-2-14                                             |
| Ambient temperature:            | 0                                                         |
| 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 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                                                    |
| Times                           |                                                           |
| Pulse length lock/unlock req.:  | 350 - 400 ms                                              |
| Mechanical data                 |                                                           |
| Bend radius (when laying) K1:   | 5 x Ø                                                     |
| Escape release available:       | No                                                        |
| Type 1 actuator:                | PSEN ml 1.1                                               |
| Connection type:                | M12, 8-pin male                                           |
| Cable lines:                    | LiYY 8 x 0.25 mm <sup>2</sup>                             |
| Product material:               | Zn, Aluminium, Galvanised steel, Plastic, Stainless steel |
| Height dimension:               | 217.2                                                     |
| Width dimension:                | 40                                                        |
| Depth dimension:                | 40                                                        |
| Net weight:                     | 950                                                       |
| Gross weight:                   | 1300                                                      |

| 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:                      | 4046548098228                |
| ECLASS version:                | ECLASS-13                    |
| ECLASS Reference Feature:      | 27272603                     |
| ETIM Version:                  | ETIM-9.0                     |
| ETIM Reference Group:          | EG000026                     |
| ETIM Reference Feature:        | EC002593                     |
| Volume:                        | 0                            |

## Optional accessories



540346

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



540347

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



540326

PSEN cable axial M12 8-pole 30m



540320

PSEN cable axial M12 8-pole 5m

|                                                                                     |        |                                      |
|-------------------------------------------------------------------------------------|--------|--------------------------------------|
|    | 540342 | PSEN cable M12-8sf M12-8sm, 10m      |
|    | 540321 | PSEN cable axial M12 8-pole 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     |
|  | 570499 | PSEN screw set bracket sliding door  |
|  | 570497 | PSEN ml door handle swinging door 80 |
|  | 570475 | PSEN ml escape release cordset 4,0m  |
|  | 570498 | PSEN screw set bracket swinging door |



570495

PSEN ml door handle sliding door



570473

PSEN ml escape release cordset 3,0m



570496

PSEN ml door handle swinging door 70



570474

PSEN ml escape release cordset 3,5m



570493

PSEN ml bracket swinging door 70



570471

PSEN ml escape release cordset 2,0m



570494

PSEN ml bracket swinging door 80



570472

PSEN ml escape release cordset 2,5m



C1000059

Adapter/ML/M12-5SMX/M12-5SMX/M12-8SFX/XX



540333

PSEN cable M12-8sf, 20m



570468

PSEN ml escape release cordset 1,0m



570469

PSEN ml escape release cordset 1,25m



570466

PSEN ml escape release cordset 0,5m



570467

PSEN ml escape release cordset 0,75m



570484

PSEN ml actuator 10° adapter



570462

PSEN ml escape release extension



570485

PSEN ml actuator center ring



570463

PSEN ml escape release cordset 1,5m hd1



540319

PSEN cable axial M12 8-pole 3m



570460

PSEN ml escape release



570461

PSEN ml auxiliary release hd1



570491

PSEN ml / PDP67 Y junction PR



570492

PSEN ml bracket sliding door



570470

PSEN ml escape release cordset 1,5m



570490

PSEN ml mounting plate



540340

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



540341

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