

PSEN 2.1p-21/PSEN 2.1-20 /8mm/LED/1unit

502221



Magnetic safety switch 1 n/o 1 n/c, 4-pin M8 male connector with LED, square design, IP67, switching distance 8 mm, height design 13 mm, PU =1 piece with actuator.

## Technical details

| General data                    |   |
|---------------------------------|---|
| Approval:                       | CE, UKCA, cULus Listed, EAC (Eurasian), TÜV |
| Sensor principle:               | magnetic                                    |
| Coding level to ISO 14119:      | Low   |
| Classification to EN 60947-5-3: | PDDb  |
| Suitable for series connection: | yes   |
| unit type:                      | Unit  |
| Technical data                  |   |
| Electrical data                 |   |
| Supply voltage (V):             | 24 - 24 V                                   |
| Type of supply voltage U1:      | DC  |
| Switching voltage:              | 24 V  |
| Environmental data              |   |
| Ambient temperature:            | -25 - 70 °C                                 |
| Max. ambient temp. at 2000 m:   | +70 °C                                      |
| Climatic suitability standard:  | IEC 60068-2-30                              |
| Humidity rating:                | 93 % r. h. at 40 °C                         |
| Perm. operating height ASL:     | 2000 m                                      |
| EMC to standard ...:            | EN 60947-5-3                                |
| Vibration to standard ...:      | EN 60947-5-2                                |

|                                 |                                |
|---------------------------------|--------------------------------|
| Acc. shock to standard1:        | 30g                            |
| Pollution degree clear.&creep.: | 3                              |
| <b>Mechanical data</b>          |                                |
| Type 1 actuator:                | PSEN 2.1-20                    |
| Sensor can be flush-mounted:    | Yes, follow installation guide |
| Connection type:                | M8, 4-pin male                 |
| Housing material upper part:    | PBT                            |
| Height dimension:               | 36 mm                          |
| Width dimension:                | 26 mm                          |
| Depth dimension:                | 13 mm                          |
| Net weight:                     | 35 g                           |
| Gross weight:                   | 62 g                           |
| <b>Environment</b>              |                                |
| RoHS directive:                 | 2011/65/EU, 2015/863/EU        |
| RoHS conformity:                | yes                            |
| RoHS exceptions:                | yes                            |
| RoHS except.s acc. to direct.:  | 7c I                           |
| REACH compliance:               | contains min. 1 SVHC-substance |
| REACH included substances:      | Lead                           |
| %-part of the pollutant:        | > 0,1%                         |
| CAS No.:                        | 7439-92-1                      |
| SCIP entry available:           | yes                            |
| WEEE classification (08/2018):  | 5 devices (feed size < 50cm)   |
| <b>Commercial data</b>          |                                |
| ECLASS version:                 | ECLASS-13                      |
| ECLASS Reference Feature:       | 27274401                       |
| ETIM Version:                   | ETIM-9.0                       |
| ETIM Reference Group:           | EG000026                       |
| ETIM Reference Feature:         | EC002544                       |

|                               |                  |
|-------------------------------|------------------|
| UNSPSC 25:                    | 39122205         |
| GTIN:                         | 4046548026900    |
| Volume:                       | 0 dm3            |
| Harmonized System Code:       | 85365019         |
| Type of tariff number:        | TARIC            |
| Use of customs tariff number: | Ausfuhr, Einfuhr |
| Quantity per packaging unit:  | 1                |

## Obligatory accessories



533111

PSEN Kabel Gerade/cable straightplug 2m



533110

PSEN Kabel Winkel/cable angleplug 2m



533121

PSEN Kabel Gerade/cable straightplug 5m



533120

PSEN Kabel Winkel/cable angleplug 5m



533131

PSEN Kabel Gerade/cable straightplug 10m



533141

PSEN Kabel Gerade/cable straightplug 30m



533130

PSEN Kabel Winkel/cable angleplug 10m



533140

PSEN Kabel Winkel/cable angleplug 30m

## Optional accessories



535110

PSEN i1 Interface for 4 PSEN 2



540310

PSEN screw M4x16 10pcs



534310

PSEN Distanzplatte / spacer (10 pcs.)



533111

PSEN Kabel Gerade/cable straightplug 2m



532110

PSEN Winkel / bracket



533121

PSEN Kabel Gerade/cable straightplug 5m



533110

PSEN Kabel Winkel/cable angleplug 2m



534320

PSEN reverse spacer (2 pcs.)



533131

PSEN Kabel Gerade/cable straightplug 10m



533120

PSEN Kabel Winkel/cable angleplug 5m



533130

PSEN Kabel Winkel/cable angleplug 10m



533141

PSEN Kabel Gerade/cable straightplug 30m



533140

PSEN Kabel Winkel/cable angleplug 30m



380200

PSS67 Cable M8sf M12sm, 3m



380203

PSS67 Cable M8sf M12sm, 30m



380204

PSS67 Cable M8af M12sm, 3m



380300

PSEN ma adapter



773600

PDP67 F 8DI ION



380201

PSS67 Cable M8sf M12sm, 5m



380202

PSS67 Cable M8sf M12sm, 10m



380207

PSS67 Cable M8af M12sm, 30m



380205

PSS67 Cable M8af M12sm, 5m



380206

PSS67 Cable M8af M12sm, 10m