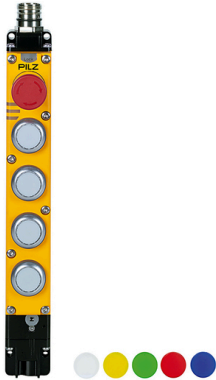


## PSEN mg1-B-LDLLF-RBA2-U3-U switch

6M000041



Safety gate system PSENmgate, with operation elements, 3 illuminated pushbuttons, 1 unilluminated pushbutton (1 NO each) and 1 E-STOP pushbutton (2 NC + 1 NO), fully coded, with automatic reset, safety switch for entry from left, 19-pin M23 male connector, cable outlet upwards, single connection

## Technical details

### General data

|                                 |                                                      |
|---------------------------------|------------------------------------------------------|
| Approval:                       | CE, UKCA, cULus Listed, FCC, IC, EAC (Eurasian), TÜV |
| Sensor principle:               | Transponder                                          |
| Coding level to ISO 14119:      | High                                                 |
| Classification to EN 60947-5-3: | PDDb                                                 |
| Transponder coding:             | fully coded                                          |
| Reset type:                     | Automatic reset                                      |
| 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:      | 1 W       |

#### Inputs

|                      |         |
|----------------------|---------|
| Number of inputs:    | 7       |
| DC voltage at input: | 24 V DC |

#### Emergency stop

|                                |   |
|--------------------------------|---|
| Number, E-STOP N/C:            | 2 |
| Number, E-STOP signal contact: | 1 |

|                                 |                                               |
|---------------------------------|-----------------------------------------------|
| Release type emergency stop:    | Turn release                                  |
| Contact material E-STOP:        | Au                                            |
| Cont. mat. sign. cont. E-STOP:  | Au                                            |
| Push button                     |                                               |
| Number, pushbutton:             | 4                                             |
| Switch cap. p/b to standard:    | EN 60947-5-1                                  |
| Contact material pushbutton:    | Ag                                            |
| 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                                         |
| Button                          |                                               |
| Contact material button:        | AgNi                                          |
| Switch cap. button to standard: | EN 60947-5-1                                  |
| Environmental data              |                                               |
| Ambient temperature standard:   | EN 60068-2-14                                 |
| Ambient temperature:            | 0 - 55 °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:       | IP65                                          |

|                                |                                                           |
|--------------------------------|-----------------------------------------------------------|
| Times                          |                                                           |
| Pulse length lock/unlock req.: | 350 - 400 ms                                              |
| Mechanical data                |                                                           |
| Escape release available:      | No                                                        |
| Type 1 actuator:               | PSEN ml 2.1                                               |
| Sensor can be flush-mounted:   | No                                                        |
| Product material:              | Zn, Aluminium, Galvanised steel, Plastic, Stainless steel |
| Housing material upper part:   | Plastic                                                   |
| Height dimension:              | 326.9 mm                                                  |
| Width dimension:               | 40 mm                                                     |
| Depth dimension:               | 65 mm                                                     |
| Net weight:                    | 1270 g                                                    |
| Gross weight:                  | 1720 g                                                    |
| Transponder                    |                                                           |
| Operating frequency:           | 122 kHz - 128 kHz                                         |
| Environment                    |                                                           |
| WEEE classification (08/2018): | 5 devices (feed size < 50cm)                              |
| Commercial data                |                                                           |
| GTIN:                          | 4046548111361                                             |
| Volume:                        | 0 dm3                                                     |
| Type of tariff number:         | TARIC                                                     |
| Use of customs tariff number:  | Ausfuhr, Einfuhr                                          |

## Optional accessories

570460

PSEN ml escape release





570461

PSEN ml auxiliary release hd1



570462

PSEN ml escape release extension



570468

PSEN ml escape release cordset 1,0m



570469

PSEN ml escape release cordset 1,25m



570470

PSEN ml escape release cordset 1,5m



570471

PSEN ml escape release cordset 2,0m



570472

PSEN ml escape release cordset 2,5m



570473

PSEN ml escape release cordset 3,0m



570474

PSEN ml escape release cordset 3,5m



570475

PSEN ml escape release cordset 4,0m



570481

PSEN ml 2.1 actuator



570483

PSEN ml 2.1 round actuator



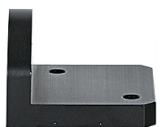
570484

PSEN ml actuator 10° adapter



570485

PSEN ml actuator center ring



570492

PSEN ml bracket sliding door



570495

PSEN ml door handle sliding door



570499

PSEN screw set bracket sliding door



6O000002

PSEN ml DHM up I 2.1



6O000009

PSEN ml DHM extension



6O000012

PSEN ml DHM extension cover



6O000013

PSEN ml DHM mounting plate



6O000014

PSEN ml DHM mounting flap



C1000071

Cable/XX/M23-19SF/XXX-XXXX/X/002/0Q25/XX



C1000072

Cable/XX/M23-19SF/XXX-XXXX/X/003/0Q25/XX



C1000073

Cable/XX/M23-19SF/XXX-XXXX/X/005/0Q25/XX



C1000074

Cable/XX/M23-19SF/XXX-XXXX/X/010/0Q25/XX



C1000075

Cable/XX/M23-19SF/XXX-XXXX/X/020/0Q25/XX



C1000076

Cable/XX/M23-19SF/XXX-XXXX/X/030/0Q25/XX



C1000077

Cable/XX/M23-19SF/XXX-XXXX/X/050/0Q25/XX



G1000009

PIT gb color covers