

PSEN cs2.1n / PSEN cs2.1 1 Unit

540103

RFID safety switch 2 safe SC outputs, 5-pin M12 male connector, 4 actuation directions, IP67, switching distance 21 mm, Sao = 15 mm, Sar= 40 mm, PU = 1 piece coded switch with actuator. A total of 8 teach-in processes is possible.



Technical details

| General data | |
|---------------------------------|--|
| Approval: | CE, cULus Listed, FCC, IC, TÜV, EAC (Eurasian) |
| Sensor principle: | Transponder |
| Coding level to ISO 14119: | High |
| Classification to EN 60947-5-3: | PDDB |
| Transponder coding: | fully coded |
| Suitable for series connection: | no |
| unit type: | Unit |
| Technical data | |
| Electrical data | |
| Supply voltage (V): | 24 - 24 V |
| Type of supply voltage U1: | DC |
| Power consumption DC: | 2 W |
| Semiconductor outputs | |
| Number of OSSD outputs: | 2 |
| Potential isolation S/C O: | No |
| S/C output short circuit proof: | Yes |
| Utilisation cat. to EN 60947-1: | DC-12 |
| Environmental data | |
| Ambient temperature standard: | EN 60068-2-14 |

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| Ambient temperature: | -25 - 70 °C |
| 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 60947-5-3 |
| Vibration to standard ...: | EN 60947-5-2 |
| Acc. shock to standard1: | 30g |
| Overvoltage category: | III |
| Pollution degree clear.&creep.: | 3 |
| Switching distances | |
| Change op. dist. temp.change: | +0.01mm/°C |
| Mechanical data | |
| Type 1 actuator: | PSEN cs2.1 |
| Sensor can be flush-mounted: | Yes, follow installation guide |
| Connection type: | M12, 5-pin male |
| Housing material upper part: | PBT |
| Height dimension: | 75 mm |
| Width dimension: | 40 mm |
| Depth dimension: | 40 mm |
| Net weight: | 150 g |
| Gross weight: | 155 g |
| Transponder | |
| Operating frequency: | 122 kHz - 128 kHz |
| Environment | |
| RoHS directive: | 2011/65/EU, 2015/863/EU |
| RoHS conformity: | yes |
| RoHS exceptions: | yes |
| RoHS except.s acc. to direct.: | 7a, 7c I |
| REACH compliance: | contains min. 1 SVHC-substance |

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| REACH included substances: | Lead, Lead oxide |
| %-part of the pollutant: | > 0,1% |
| CAS No.: | 7439-92-1, 1317-36-8 |
| WEEE classification (08/2018): | 5 devices (feed size < 50cm) |
| Commercial data | |
| ECLASS version: | ECLASS-9.1 |
| ECLASS Reference Feature: | 27272403 |
| ETIM Version: | ETIM-7.0 |
| ETIM Reference Group: | EG000026 |

Optional accessories



380209

PSS67 Cable M12sf M12sm, 5m



540311

PSEN screw M5x10 10pcs



630347

PSEN op cable angle M12 5-pole 3m












630311

PSEN op cable axial M12 5-pole 5m



630312

PSEN op cable axial M12 5-pole 10m

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|---|--------|------------------------------------|
|  | 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 |
|  | 630298 | PSEN cable M12-5sf 20m |
|  | 380210 | PSS67 Cable M12sf M12sm, 10m |
|  | 630310 | PSEN op cable axial M12 5-pole 3m |
|  | 380211 | PSS67 Cable M12sf M12sm, 30m |
|  | 380220 | PSS67 cable M12-5sf, M12-5sm, 20m |
|  | 630297 | PSEN op cable axial M12 5-pole 30m |



380214

PSS67 Cable M12af M12am, 10m



380215

PSS67 Cable M12af M12am, 30m



773600

PDP67 F 8DI ION



380212

PSS67 Cable M12af M12am, 3m



380213

PSS67 Cable M12af M12am, 5m



380208

PSS67 Cable M12sf M12sm, 3m
