

PSEN ml b 1.1 unit

570400



Safety gate system with mechanical guard locking, basic version, with power reset, IP67, 8-pin M12 connector with pigtail 230mm, 4 LEDs on 3 sides, SIL3/PL e/Cat4, package content = 1 coded sensor with actuator

Technical details

General data

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| 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: | Power reset |
| Suitable for series connection: | no |
| unit type: | Unit |

Technical data

Electrical data

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

Inputs

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| Number of inputs: | 2 |
| DC voltage at input: | 24 V DC |

Semiconductor outputs

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| Number of OSSD outputs: | 2 |
| Number of sig. outputs: | 1 |

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| 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 - 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 |
| 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 |
| Max. vertical offset: | +/-3.0 mm |
| Max. ang. offset round X axis: | +/-2.0 deg |
| Max. ang. offset round Y axis: | +/-2.5 deg |
| Max. ang. offset round Z axis: | +/-7.5 deg |
| Max. offset closing direction: | +/-2 mm |
| Type 1 actuator: | PSEN ml 1.1 |
| Connection type: | M12, 8-pin male |
| Cable lines: | LiYY 8 x 0.25 mm ² |
| Product material: | Zn, Aluminium, Galvanised steel, Stainless steel, Plastic |

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| Height dimension: | 217.2 mm |
| Width dimension: | 40 mm |
| Depth dimension: | 40 mm |
| Net weight: | 1100 g |
| Gross weight: | 1450 g |
| Transponder | |
| Operating frequency: | 122 kHz - 128 kHz |
| Environment | |
| WEEE classification (08/2018): | 5 devices (feed size < 50cm) |
| Commercial data | |
| ECLASS version: | ECLASS-9.1 |
| ECLASS Reference Feature: | 27272603 |
| ETIM Version: | ETIM-7.0 |
| ETIM Reference Group: | EG000026 |
| ETIM Reference Feature: | EC002593 |

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

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|---|--------|--------------------------------------|
|  | 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 |
|  | 540333 | PSEN cable M12-8sf, 20m |

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|  | 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 |
|  | 570462 | PSEN ml escape release extension |
|  | 570484 | PSEN ml actuator 10° adapter |
|  | 570485 | PSEN ml actuator center ring |
|  | 570463 | PSEN ml escape release cordset 1,5m hd1 |
|  | 540319 | PSEN cable axial M12 8-pole 3m |

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|  | 570460 | PSEN ml escape release |
|  | 570461 | PSEN ml auxiliary release hd1 |
|  | 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 |