

PSEN ml b 2.1 unit

570402



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, teach-in of a new actuator up to 8 times, package content = 1 fully coded sensor with actuator

Technical details

General data

Approval:	CE, UKCA, cULus Listed, FCC, IC, TÜV
Sensor principle:	Transponder
Coding level to ISO 14119:	High
Classification to EN 60947-5-3:	PDDB
Transponder coding:	fully coded
Reset type:	Power reset
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:	1 W

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 - 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 2.1
Connection type:	M12, 8-pin male
Cable lines:	LiYY 8 x 0.25 mm ²
Product material:	Zn, Aluminium, Galvanised steel, Plastic, Stainless steel

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



540342

PSEN cable M12-8sf M12-8sm, 10m



540320

PSEN cable axial M12 8-pole 5m



540343

PSEN cable M12-8sf M12-8sm, 20m



540321

PSEN cable axial M12 8-pole 10m



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



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



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

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

