

## PSEN ml sa 2.1 unit

570432



Safety guard locking device PSENmlock, fully coded, with safety switch and actuator, with guard locking, with automatic reset, 12-pin M12 male connector, 0.23 m cable, series connection

## 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:	Automatic reset
Suitable for series connection:	yes
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:	4
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, 12-pin male
Cable lines:	LiYY 12 x 0.25 mm <sup>2</sup>
Product material:	Zn, Aluminium, Galvanised steel, Stainless steel, Plastic

Height dimension:	217.2 mm
Width dimension:	40 mm
Depth dimension:	40 mm
Net weight:	1100 g
Gross weight:	1450 g
<b>Transponder</b>	
Operating frequency:	122 kHz - 128 kHz
<b>Environment</b>	
WEEE classification (08/2018):	5 devices (feed size < 50cm)
<b>Commercial data</b>	
ECLASS version:	ECLASS-13
ECLASS Reference Feature:	27272603
ETIM Version:	ETIM-9.0
ETIM Reference Group:	EG000026
ETIM Reference Feature:	EC002593
UNSPSC 25:	39122205
GTIN:	4046548098198
Volume:	0 dm3
Harmonized System Code:	85365019
Type of tariff number:	TARIC
Use of customs tariff number:	Ausfuhr, Einfuhr
Quantity per packaging unit:	1

## Optional accessories



540346

PSEN cable M12-8sf M12-8sm, 1m



540347

PSEN cable M12-8sf M12-8sm, 1,5m



540342

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



540343

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



540344

PSEN cable M12-8sf M12-8sm, 30m



570358

PSEN cable M12-12sf/M12-12sm 2m



540345

PSEN cable M12-8sf M12-8sm, 0,5m



570359

PSEN cable M12-12sf/M12-12sm 3m



570356

PSEN cable M12-12sf 50m



570357

PSEN cable M12-12sf/M12-12sm 1m



570475

PSEN ml escape release cordset 4,0m



570354

PSEN cable M12-12sf 20m



570355

PSEN cable M12-12sf 30m



570473

PSEN ml escape release cordset 3,0m



570352

PSEN cable M12-12sf 5m



570474

PSEN ml escape release cordset 3,5m



570353

PSEN cable M12-12sf 10m



570471

PSEN ml escape release cordset 2,0m



570350

PSEN cable M12-12sf 2m



570472

PSEN ml escape release cordset 2,5m



570351

PSEN cable M12-12sf 3m



570360

PSEN cable M12-12sf/M12-12sm 5m



540333

PSEN cable M12-8sf, 20m



570489

PSEN ml / PSENcs Y junction M12



570486

PSEN ml Y junction M12



570487

PSEN ml end adapter



570484

PSEN ml actuator 10° adapter



570485

PSEN ml actuator center ring



570361

PSEN cable M12-12sf/M12-12sm 10m



570362

PSEN cable M12-12sf/M12-12sm 20m



570492

PSEN ml bracket sliding door



570490

PSEN ml mounting plate



540340

PSEN cable M12-8sf M12-8sm, 2m



540341

PSEN cable M12-8sf M12-8sm, 5m



540326

PSEN cable axial M12 8-pole 30m



540320

PSEN cable axial M12 8-pole 5m



540321

PSEN cable axial M12 8-pole 10m



570499

PSEN screw set bracket sliding door



570497

PSEN ml door handle swinging door 80



570498

PSEN screw set bracket swinging door



570495

PSEN ml door handle sliding door



570496

PSEN ml door handle swinging door 70



570493

PSEN ml bracket swinging door 70



570494

PSEN ml bracket swinging door 80



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



570463

PSEN ml escape release cordset 1,5m hd1