

## PSEN ml s 2.2 unit

570410



Safety guard locking device PSENmlock, fully coded, with safety switch and actuator, with guard locking, with power 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:	unique coding
Reset type:	Power 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 - 0 °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>	
RoHS directive:	2011/65/EU, 2015/863/EU
RoHS conformity:	yes
RoHS exceptions:	no
REACH compliance:	Contains no SVHC substances
WEEE classification (08/2018):	5 devices (feed size < 50cm)
<b>Commercial data</b>	
Harmonized System Code:	85365019
UNSPSC 25:	39122205
EAN-Code:	4046548090420
ECLASS version:	ECLASS-13
ECLASS Reference Feature:	27272603
ETIM Version:	ETIM-9.0
ETIM Reference Group:	EG000026
ETIM Reference Feature:	EC002593
Volume:	0 dm <sup>3</sup>

## 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
	570358	PSEN cable M12-12sf/M12-12sm 2m
	540344	PSEN cable M12-8sf M12-8sm, 30m
	570359	PSEN cable M12-12sf/M12-12sm 3m
	540345	PSEN cable M12-8sf M12-8sm, 0,5m
	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



570491

PSEN ml / PDP67 Y junction PR



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

---



C1000059

Adapter/ML/M12-5SMX/M12-5SMX/M12-8SFX/XX

---





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

---