

PSEN mlm 1 sa 2.1 switch

6K000005



Safety switch, fully coded, for safety guard locking device PSENmlock mini, application: small swing gates and sliding gates, as well as flaps and covers, safe guard locking for personal protection, bistable guard locking principle, 12-pin M12 male connector, series connection, automatic reset

Technical details

General data

Approval:	UL Listed, CE, UKCA, 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:	Sensor

Technical data

Electrical data

Supply voltage (V):	24 - 24 V
Type of supply voltage U1:	DC
Type of power supply for U1:	SELV/PELV
Power consumption DC:	0.5 W

Inputs

Number of inputs:	4
DC voltage at input:	24 V DC
Potential isolation inputs:	No

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-12
Environmental data	
Ambient temperature standard:	EN 60068-2-14
Ambient temperature:	-10 - 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
Perm. operating height ASL:	2000 m
EMC to standard ...:	EN 301489-1 V2.1.1, EN 55011: Class A, EN 60947-5-3, EN 60947-5-2
Vibration to standard ...:	EN 60947-5-2
Acc. shock to standard1:	30g
Overvoltage category:	II
Pollution degree clear.&creep.:	2
Protection type, housing:	IP65, IP67
Mechanical data	
Escape release available:	No
Max. offset closing direction:	+/-2 mm
Connection type:	M12, 12-pin male
Max. cable length:	45 m
Product material:	Galvanised steel, Stainless steel, Plastic
Height dimension:	157.5 mm
Width dimension:	30.4 mm
Depth dimension:	30.4 mm
Net weight:	425 g

Gross weight:	435 g
Transponder	
Environment	
WEEE classification (08/2018):	5 devices (feed size < 50cm)
Commercial data	
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:	4046548105919
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



540319

PSEN cable axial M12 8-pole 3m



540320

PSEN cable axial M12 8-pole 5m



540321

PSEN cable axial M12 8-pole 10m



540326

PSEN cable axial M12 8-pole 30m



540333

PSEN cable M12-8sf, 20m



540340

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



540341

PSEN cable M12-8sf M12-8sm, 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



540345

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



540346

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



540347

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



570350

PSEN cable M12-12sf 2m



570351

PSEN cable M12-12sf 3m



570352

PSEN cable M12-12sf 5m



570353

PSEN cable M12-12sf 10m



570354

PSEN cable M12-12sf 20m



570355

PSEN cable M12-12sf 30m



570356

PSEN cable M12-12sf 50m



570357

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



570358

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



570359

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



570360

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



570361

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



570362

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



570486

PSEN ml Y junction M12



570487

PSEN ml end adapter



6K000021

PSEN mlm mounting set 1



6K000022

PSEN mlm covers set



6N000030

Adapter/SL/M12-8SMX/M12-8SFX/M12-12SF/PT
