

PSEN sl-1.0p 4.1

570678



Safety switch, with electromagnetic guard locking, fully coded, for safety locking device PSENslock, guard locking for process protection, guard locking-independent safety outputs, holding force 1000 N, 8-pin M12 male connector, series connection Important information: This item is at the end of the product lifecycle and therefore will no longer be available in the foreseeable future. Please get in touch with your PILZ contact to find a suitable alternative or successor product.

Technical details

General data

Approval:	CE, UKCA, cULus Listed, FCC, IC, TÜV, EAC (Eurasian)
Sensor principle:	Transponder
Coding level to ISO 14119:	High
Classification to EN 60947-5-3:	PDDb
Transponder coding:	fully coded
Suitable for series connection:	yes
unit type:	Sensor

Technical data

Electrical data

Supply voltage (V):	24 - 24 V
Type of supply voltage U1:	DC
Power consumption DC:	7.2 W

Inputs

Number of inputs:	3
DC voltage at input:	24 V DC

Semiconductor outputs

Number of OSSD outputs:	2
Number of sig. outputs:	1
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:	-25 - 55 °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 62061
Vibration to standard ...:	EN 60947-5-2
Acc. shock to standard1:	30g
Overvoltage category:	III
Pollution degree clear.&creep.:	3
Protection type, housing:	IP67
Mechanical data	
Holding force magnet on:	1000 N
Max. vertical offset:	5 mm
Max. angular offset:	2.5 deg
Type 1 actuator:	PSEN sl-1.0 2.1
Type 2 actuator:	PSEN sl-1.0fm 2.1
Sensor can be flush-mounted:	Yes, follow installation guide
Connection type:	M12, 8-pin male
Cable lines:	LiYY 8 x 0.25 mm ²
Housing material upper part:	PBT
Material of base plate:	Anticorodal, hard anodised
Height dimension:	172 mm
Width dimension:	45 mm
Depth dimension:	44 mm
Net weight:	1120 g
Gross weight:	1190 g

Transponder	
Operating frequency:	122 kHz - 128 kHz
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:	4046548078831
Volume:	0 dm3
Harmonized System Code:	85365019
Type of tariff number:	TARIC
Use of customs tariff number:	Ausfuhr, Einfuhr
Quantity per packaging unit:	1

Obligatory accessories



570621

PSEN sl-1.0 2.1 1actuator

Optional accessories



540312

PSEN screw M5x20 10pcs



540319

PSEN cable axial M12 8-pole 3m



540320

PSEN cable axial M12 8-pole 5m



540321

PSEN cable axial M12 8-pole 10m



540322

PSEN cable angle M12 8-pole 3m



540323

PSEN cable angle M12 8-pole 5m



540324

PSEN cable angle M12 8-pole 10m



540325

PSEN cable angle M12 8-pole 30m



540326

PSEN cable axial M12 8-pole 30m



540328

PSEN Y junction M12-M12/M12



540331

PSEN T junction (auxiliary contact) M12



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



570550

PSEN sl bracket swing door



570551

PSEN sl bracket sliding door



773603

PDP67 F 4 code