

PSEN sI2-GL1-S switch

6N000007



Safety switch with electromagnetic guard locking, coded, for safety guard locking device PSENslock2, safe guard locking for personal protection, holding force 2000 N, 12-pin M12 male connector, series connection

Technical details

General data

Approval:	CE, UKCA, cULus Listed, FCC, IC, EAC (Eurasian), TÜV
Sensor principle:	Transponder
Coding level to ISO 14119:	Low
Classification to EN 60947-5-3:	PDDb
Transponder coding:	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:	7.5 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
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:	-25 - 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 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
Protection type, housing:	IP67
UL enclosure type:	type 1
Mechanical data	
Max. vertical offset:	5 mm
Sensor can be flush-mounted:	Yes, follow installation guide
Connection type:	M12, 12-pin male
Cable lines:	LiYY 12 x 0.25 mm ²
Product material:	Coated steel, Plastic, Stainless steel
Housing material upper part:	PBT
Height dimension:	170 mm
Width dimension:	45 mm
Depth dimension:	44 mm
Net weight:	1467 g
Gross weight:	1672 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:	4046548092417
Volume:	1.814 dm3
Harmonized System Code:	85365019
Type of tariff number:	TARIC
Use of customs tariff number:	Ausfuhr, Einfuhr
Quantity per packaging unit:	1

Obligatory accessories



6N000026

PSEN sl2-L-AL actuator



6N000027

PSEN sl2-L-VA actuator

Optional accessories



540312

PSEN screw M5x20 10pcs

	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



570487

PSEN ml end adapter



570550

PSEN sl bracket swing door



570551

PSEN sl bracket sliding door

570552

PSEN sl restart interlock (padlock)



6N000030

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



6N000031

PSEN sl2 Config Key

