PSEN sl2-GL2-S switch 6N000008



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

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:	7.5 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
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 mm2
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:	1674 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:	4046548092424
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



6N000027 PSEN sl2-L-VA actuator



6N000026 PSEN sl2-L-AL actuator

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
	540312	PSEN screw M5x20 10pcs
	540345	PSEN cable M12-8sf M12-8sm, 0,5m
	570356	PSEN cable M12-12sf 50m
	570552	PSEN sl restart interlock (padlock)
	570354	PSEN cable M12-12sf 20m

	570487	PSEN ml end adapter
	570355	PSEN cable M12-12sf 30m
	570550	PSEN sl bracket swing door
	570352	PSEN cable M12-12sf 5m
	570551	PSEN sl bracket sliding door
	570353	PSEN cable M12-12sf 10m
	570350	PSEN cable M12-12sf 2m
	570351	PSEN cable M12-12sf 3m
	540340	PSEN cable M12-8sf M12-8sm, 2m

	540341	PSEN cable M12-8sf M12-8sm, 5m
	6N000030	Adapter/SL/M12-8SMX/M12-8SFX/M12-12SF/PT
	6N000031	PSEN sl2 Config Key