PSEN sl2-DL1-N switch 6N000016



Safety switch with electromagnetic guard locking, coded, for safety guard locking device PSENslock2, guard locking for processprotection, holding force 2000 N, 5-pin M12 male connector, single 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:	no
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:	1
DC voltage at input:	24 V DC
Semiconductor outputs	
Number of OSSD outputs:	2
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:	-20 - 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, 5-pin male
Cable lines:	LiYY 5 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 classifikation (08/2018):	5 devices (feed size < 50cm)

Commercial data	
Harmonized System Code:	85365019
UNSPSC 25:	39122205
EAN-Code:	4046548092509
ECLASS version:	ECLASS-13
ECLASS Reference Feature:	27272603
ETIM Version:	ETIM-9.0
ETIM Reference Group:	EG000026
ETIM Reference Feature:	EC002593
Volume:	0 dm3

Obligatory accessories



6N000027 PSEN sl2-L-VA actuator



6N000026 PSEN sl2-L-AL actuator

Optional accessories



540312 PSEN screw M5x20 10pcs



630347 PSEN op cable angle M12 5-pole 3m



630311 PSEN op cable axial M12 5-pole 5m

	570552	PSEN sl restart interlock (padlock)
	630312	PSEN op cable axial M12 5-pole 10m
	570550	PSEN sl bracket swing door
	570551	PSEN sl bracket sliding door
	630348	PSEN op cable angle M12 5-pole 5m
	630349	PSEN op cable angle M12 5-pole 10m
	630350	PSEN op cable angle M12 5-pole 30m
	630364	PSEN op cable axial M12 5-pole 50m
	630298	PSEN cable M12-5sf 20m

	630365	PSEN op cable angle M12 5-pole 50m
	630310	PSEN op cable axial M12 5-pole 3m
	630297	PSEN op cable axial M12 5-pole 30m
	6N000031	PSEN sl2 Config Key