PSEN sl2-DM2-N switch 6N000014



Safety switch with electromagnetic guard locking, fully coded, for safety guard locking device PSENslock2, guard locking for processprotection, holding force 1000 N, 5-pin M12 male connector, single 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:	no
unit type:	Sensor
Technical data	
Electrical data	
Supply voltage (V):	24 - 24 V
Type of supply voltage U1:	DC
Power consumption DC:	4.5 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:	-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, 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:	120 mm
Width dimension:	45 mm
Depth dimension:	44 mm
Net weight:	775 g
Gross weight:	982 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:	4046548092486
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



6N000025 PSEN sl2-M-AL actuator



6N000028 PSEN sl2-M-VA actuator

Optional accessories



380209 PSS67 Cable M12sf M12sm, 5m



630347 PSEN op cable angle M12 5-pole 3m

	570552	PSEN sl restart interlock (padlock)
	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
	630298	PSEN cable M12-5sf 20m
	630310	PSEN op cable axial M12 5-pole 3m
	380220	PSS67 cable M12-5sf, M12-5sm, 20m

	630297	PSEN op cable axial M12 5-pole 30m
	380208	PSS67 Cable M12sf M12sm, 3m
	540312	PSEN screw M5x20 10pcs
	630311	PSEN op cable axial M12 5-pole 5m
	630312	PSEN op cable axial M12 5-pole 10m
	630364	PSEN op cable axial M12 5-pole 50m
	380210	PSS67 Cable M12sf M12sm, 10m
	630365	PSEN op cable angle M12 5-pole 50m
	380211	PSS67 Cable M12sf M12sm, 30m

	380214	PSS67 Cable M12af M12am, 10m
	380215	PSS67 Cable M12af M12am, 30m
	380212	PSS67 Cable M12af M12am, 3m
	380213	PSS67 Cable M12af M12am, 5m
	6N000031	PSEN sl2 Config Key