

PSEN sI2-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
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, 5-pin male
Cable lines:	LiYY 5 x 0.25 mm ²
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



380208

PSS67 Cable M12sf M12sm, 3m



380209

PSS67 Cable M12sf M12sm, 5m



380210

PSS67 Cable M12sf M12sm, 10m



380211

PSS67 Cable M12sf M12sm, 30m



380212

PSS67 Cable M12af M12am, 3m



380213

PSS67 Cable M12af M12am, 5m



380214

PSS67 Cable M12af M12am, 10m



380215

PSS67 Cable M12af M12am, 30m



380220

PSS67 cable M12-5sf, M12-5sm, 20m



540312

PSEN screw M5x20 10pcs



570550

PSEN sl bracket swing door



570551

PSEN sl bracket sliding door



570552

PSEN sl restart interlock (padlock)



630297

PSEN op cable axial M12 5-pole 30m



630298

PSEN cable M12-5sf 20m



630310

PSEN op cable axial M12 5-pole 3m



630311

PSEN op cable axial M12 5-pole 5m



630312

PSEN op cable axial M12 5-pole 10m



630347

PSEN op cable angle M12 5-pole 3m



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



630365

PSEN op cable angle M12 5-pole 50m



6N000031

PSEN sl2 Config Key