

## PSEN cs6.21n 1switch

542263



RFID safety switch, 2 safe SC outputs, male connector M12/5- pin, for applications up to SIL 3 or PL e, IP67, typ. operating distance (square) 11 mm, Sao = 8 mm, Sar = 20 mm, PU = 1 piece uniquely coded switch, magnetic latching.

## Technical details

### General data

Approval:	CE, UKCA, cULus Listed, FCC, IC, TÜV, ECOLAB, EAC (Eurasian)
Sensor principle:	Transponder
Coding level to ISO 14119:	High
Classification to EN 60947-5-3:	PDDB
Transponder coding:	unique coding
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:	1 W

#### Semiconductor outputs

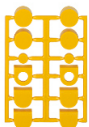
Number of OSSD outputs:	2
Number of sig. outputs:	1
Potential isolation S/C O:	No
S/C output short circuit proof:	Yes
Utilisation cat. to EN 60947-1:	DC-12

### Environmental data

Ambient temperature standard:	EN 60068-2-14
Ambient temperature:	-25 - 70 °C
Max. ambient temp. at Hmax:	+60 °C
Max. ambient temp. at 2000 m:	+70 °C
Storage temperature standard:	EN 60068-2-1/-2
Climatic suitability standard:	EN 60068-2-30
Humidity rating:	93 % r. h. at 40 °C
Perm. operating height ASL:	4000 m
EMC to standard ...:	EN 60947-5-3
Vibration to standard ...:	EN 60947-5-2
Acc. shock to standard1:	30g
Overvoltage category:	III
Pollution degree clear.&creep.:	3
Switching distances	
Change op. dist. temp.change:	+0.02mm/°C
Mechanical data	
Holding force magnet:	30 - 30 N
Type 1 actuator:	PSEN cs6.11 M12
Sensor can be flush-mounted:	Yes, follow installation guide
Connection type:	M12, 5-pin male
Product material:	PBT, PA+GF, Polycarbonate
Height dimension:	26.4 mm
Width dimension:	101.6 mm
Depth dimension:	19 mm
Net weight:	75 g
Gross weight:	85 g
Transponder	
Operating frequency:	122 kHz - 128 kHz
Environment	

WEEE classification (08/2018):	5 devices (feed size < 50cm)
<b>Commercial data</b>	
ECLASS version:	ECLASS-13
ECLASS Reference Feature:	27274601
ETIM Version:	ETIM-9.0
ETIM Reference Group:	EG000026
ETIM Reference Feature:	EC002592
UNSPSC 25:	39122205
GTIN:	4046548085938
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



542181

PSEN cs6.11 M12 1actuator

## Optional accessories











380209

PSS67 Cable M12sf M12sm, 5m



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
	630298	PSEN cable M12-5sf 20m
	630310	PSEN op cable axial M12 5-pole 3m
	630297	PSEN op cable axial M12 5-pole 30m
	380220	PSS67 cable M12-5sf, M12-5sm, 20m
	380208	PSS67 Cable M12sf M12sm, 3m
	773615	PDP67 F 8DI ION HP VA



773614

PDP67 F 8DI ION VA



540313

PSEN screw M4x20 10pcs



540314

PSEN screw M4x26 10pcs



532111

PSEN mag/cs bracket straight



630311

PSEN op cable axial M12 5-pole 5m



532110

PSEN Winkel / bracket



630312

PSEN op cable axial M12 5-pole 10m



380210

PSS67 Cable M12sf M12sm, 10m



380211

PSS67 Cable M12sf M12sm, 30m



380214

PSS67 Cable M12af M12am, 10m

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380215

PSS67 Cable M12af M12am, 30m

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773600

PDP67 F 8DI ION

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380212

PSS67 Cable M12af M12am, 3m

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380213

PSS67 Cable M12af M12am, 5m

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773601

PDP67 F 8DI ION HP

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