

PSEN cs6.1n/PSEN cs6.1 M12 1unit

542103



RFID safety switch, 2 safe SC outputs, 5-pin M12 male connector, IP67, 4 actuation directions, typ. operating distance (square) 11 mm, $S_{ao} = 8$ mm, $S_{ar} = 20$ mm, PU = 1 piece fully coded switch with actuator, max. 8 teach-in processes.

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:	fully coded
Suitable for series connection:	no
unit type:	Unit

Technical data

Electrical data

Supply voltage (V):	24, 24
Type of supply voltage U1:	DC
Power consumption DC:	1

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
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	
Type 1 actuator:	PSEN cs6.1 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
Width dimension:	101.6
Depth dimension:	19
Net weight:	83
Gross weight:	100
Transponder	
Operating frequency:	122 kHz - 128 kHz
Environment	
RoHS directive:	2011/65/EU, 2015/863/EU

RoHS conformity:	yes
RoHS exceptions:	yes
RoHS except.s acc. to direct.:	7c I
REACH compliance:	contains min. 1 SVHC-substance
REACH included substances:	Lead oxide
%-part of the pollutant:	> 0,1%
CAS No.:	1317-36-8
WEEE classification (08/2018):	5 devices (feed size < 50cm)
SCIP entry available:	yes
Commercial data	
Harmonized System Code:	85365019
UNSPSC 25:	39122205
EAN-Code:	4046548077506
ECLASS version:	ECLASS-13
ECLASS Reference Feature:	27274601
ETIM Version:	ETIM-9.0
ETIM Reference Group:	EG000026
ETIM Reference Feature:	EC002592
Volume:	0

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



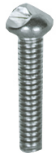
773615

PDP67 F 8DI ION HP VA



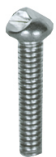
773614

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



532109

PSEN cs bracket stop sliding door



532108

PSEN cs bracket stop swinging door



380210

PSS67 Cable M12sf M12sm, 10m



380211

PSS67 Cable M12sf M12sm, 30m



380214

PSS67 Cable M12af M12am, 10m



380215

PSS67 Cable M12af M12am, 30m



380212

PSS67 Cable M12af M12am, 3m



773600

PDP67 F 8DI ION



380213

PSS67 Cable M12af M12am, 5m



773601

PDP67 F 8DI ION HP