

PSEN cs5.1 M12/8 1switch

542059



RFID safety switch, 2 safe SC outputs, 8-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 coded switch.

Technical details

General data

Approval:	CE, UKCA, cULus Listed, FCC, IC, TÜV, ECOLAB, EAC (Eurasian)
Sensor principle:	Transponder
Coding level to ISO 14119:	Low
Classification to EN 60947-5-3:	PDDb
Transponder coding:	coded
Suitable for series connection:	yes
unit type:	Sensor

Technical data

Electrical data

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

Inputs

Number of inputs:	2
DC voltage at input:	24 V DC

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
Protection type, housing:	IP66, IP67
Switching distances	
Change op. distance temp.act.1:	+0.02mm/°C
Change op. distance temp.act.2:	+0.02mm/°C
Change op. distance temp.act.3:	+0.02mm/°C
Mechanical data	
Sensor can be flush-mounted:	Yes, follow installation guide
Connection type:	M12, 8-pin male
Product material:	PBT, PA+GF, Polycarbonate
Height dimension:	26.4 mm
Width dimension:	101.6 mm
Depth dimension:	19 mm
Net weight:	68 g

Gross weight:	78 g
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
SCIP entry available:	yes
WEEE classification (08/2018):	5 devices (feed size < 50cm)
Commercial data	
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:	4046548077421
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



542083

PSEN cs5.1 M12 1actuator



542087

PSEN cs5.1 low profile glue 1 actuator



542088

PSEN cs5.1 low profile screw 1 actuator

Optional accessories



532108

PSEN cs bracket stop swinging door



532109

PSEN cs bracket stop sliding door



532110

PSEN Winkel / bracket



532111

PSEN mag/cs bracket straight



535111

PSEN ix2 F4 code



535112

PSEN ix2 F8 code



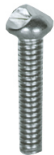
540130

SDD ES ETH



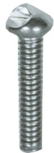
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SDD ES PROFINET



540313

PSEN screw M4x20 10pcs



540314

PSEN screw M4x26 10pcs



540315

PSEN Y junction M12 SENSOR



540316

PSEN Y junction M12 cable channel



540319

PSEN cable axial M12 8-pole 3m



540320

PSEN cable axial M12 8-pole 5m



540321

PSEN cable axial M12 8-pole 10m



540322

PSEN cable angle M12 8-pole 3m



540323

PSEN cable angle M12 8-pole 5m



540324

PSEN cable angle M12 8-pole 10m



540325

PSEN cable angle M12 8-pole 30m



540326

PSEN cable axial M12 8-pole 30m



540331

PSEN T junction (auxiliary contact) M12



540333

PSEN cable M12-8sf, 20m



540337

PSEN Y junction M8-M12/M12 PIGTAIL



540338

PSEN Y junction M12-M12/M12 PIGTAIL



540340

PSEN cable M12-8sf M12-8sm, 2m



540341

PSEN cable M12-8sf M12-8sm, 5m



540342

PSEN cable M12-8sf M12-8sm, 10m



540343

PSEN cable M12-8sf M12-8sm, 20m



540344

PSEN cable M12-8sf M12-8sm, 30m



773603

PDP67 F 4 code



773613

PDP67 F 4 code VA