

PSEN cs3.1p 1switch

541060



RFID safety switch, 2 safe SC outputs, 8-pin M8 male connector, one actuation direction, IP67, typ. operating distance 11 mm, Sao = 8 mm, Sar = 20 mm, PU = 1 piece coded switch.

Technical details

General data

Approval:	CE, UKCA, cULus Listed, FCC, IC, EAC (Eurasian), TÜV
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 60068-2-78
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:	IP6K9K
Switching distances	
Change op. distance temp.act.1:	+0.01mm/°C
Change op. distance temp.act.2:	+0.1mm/°C
Change op. distance temp.act.3:	+0.01mm/°C
Change op. distance temp.act.4:	+0.01mm/°C
Mechanical data	
Bend radius (when laying) K1:	5 x Ø
Sensor can be flush-mounted:	Yes, follow installation guide
Connection type:	M8, 8-pin male
Cable lines:	Li9Y11Y 8 x 0.14 mm ²
Housing material upper part:	PBT
Height dimension:	37 mm

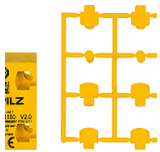
Width dimension:	26 mm
Depth dimension:	18 mm
Gross weight:	50 g
Transponder	
Operating frequency:	122 kHz - 128 kHz
Environment	
RoHS directive:	2011/65/EU, 2015/863/EU
RoHS conformity:	yes
RoHS exceptions:	yes
RoHS except.s acc. to direct.:	7a, 7c I
REACH compliance:	contains min. 1 SVHC-substance
REACH included substances:	Lead, Imidazolidine-2-thione
%-part of the pollutant:	> 0,1%
CAS No.:	7439-92-1, 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:	4046548066999
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



540080

PSEN cs1.1 1 actuator



541080

PSEN cs3.1 1 actuator



541087

PSEN cs3.1 low profile glue 1 actuator



541088

PSEN cs3.1 low profile screw 1 actuator

Optional accessories



533150

PSEN cable M8-8sf, 2m



533151

PSEN cable M8-8sf, 5m



533152

PSEN cable M8-8sf, 10m



533153

PSEN cable M8-8sf, 20m



533154

PSEN cable M8-8sf, 30m



533155

PSEN cable M8-8sf M8-sm, 0.5m



533156

PSEN cable M8-8sf M8-8sm, 1m



533157

PSEN cable M8-8sf M8-8sm, 2m



540130

SDD ES ETH



540329

PSEN converter M8-8sf -- M12-8sm



540337

PSEN Y junction M8-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