

PSEN cs4.1a 1switch

541161



RFiD safety switch, 2 safe SC outputs, connection cable 5 m, one actuation direction, IP6K9K, typ. operating distance 11 mm, Sao = 8mm, Sar = 20 mm, PU = 1 piece fully coded switch, max. 8 teach-in processes.

Technical details

General data

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

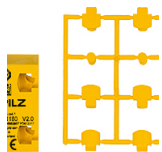
Semiconductor outputs

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
Storage temperature standard:	EN 60068-2-1/-2
Climatic suitability standard:	EN 60068-2-78
Humidity rating:	93 % r. h. at 40 °C
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. 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:	5 m cable
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:	245 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, Lead oxide
%-part of the pollutant:	> 0,1%
CAS No.:	7439-92-1, 1317-36-8
WEEE classification (08/2018):	5 devices (feed size < 50cm)
Commercial data	
ECLASS version:	ECLASS-9.1
ECLASS Reference Feature:	27272403
ETIM Version:	ETIM-7.0
ETIM Reference Group:	EG000026

Obligatory accessories



541180

PSEN cs4.1 1 actuator



541187

PSEN cs4.1 low profile glue 1 actuator



541188

PSEN cs4.1 low profile screw 1 actuator



540180

PSEN cs2.1 1 actuator

Optional accessories



540334

PSEN/PDP67 M12-8sm screw terminals



540130

SDD ES ETH



540132

SDD ES PROFIBUS