PSEN cs4.1p 1switch 541160



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 fully coded switch, max. 8 teach-in processes.

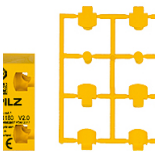
Technical details

General data	
Approval:	CE, UKCA, cULus Listed, FCC, IC, EAC (Eurasian), TÜV
Sensor principle:	Transponder
Coding level to ISO 14119:	hoch
Classification to EN 60947-5-3:	PDDB
Transponder coding:	vollcodiert
Suitable for series connection:	ja
unit type:	Sensor
Technical data	
Electrical data	
Supply voltage (V):	24 - 24 V
Type of supply voltage U1:	DC
Power consumption DC:	1
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:	nein

S/C output short circuit proof:	ja
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
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:	Ja, Montagehinweis beachten
Connection type:	M8, 8pol. male
Cable lines:	Li9Y11Y 8 x 0,14 mm2
Housing material upper part:	PBT
Height dimension:	37
Width dimension:	26
Depth dimension:	18
Gross weight:	50

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 classifikation (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
ETIM Reference Feature:	EC001829

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

	533150	PSEN cable M8-8sf, 2m
	540337	PSEN Y junction M8-M12/M12 PIGTAIL
	540342	PSEN cable M12-8sf M12-8sm, 10m
	540343	PSEN cable M12-8sf M12-8sm, 20m
	540344	PSEN cable M12-8sf M12-8sm, 30m
	533157	PSEN cable M8-8sf M8-8sm, 2m
	533156	PSEN cable M8-8sf M8-8sm, 1m

	533155	PSEN cable M8-8sf M8-sm, 0.5m
	533154	PSEN cable M8-8sf, 30m
	533153	PSEN cable M8-8sf, 20m
	540329	PSEN converter M8-8sf -- M12-8sm
	533152	PSEN cable M8-8sf, 10m
	533151	PSEN cable M8-8sf, 5m
	540130	SDD ES ETH
	540340	PSEN cable M12-8sf M12-8sm, 2m
	540341	PSEN cable M12-8sf M12-8sm, 5m

	540132	SDD ES PROFIBUS
	773603	PDP67 F 4 code