

PSEN cs4.1 M12/8-1.5m/PSEN cs4.1 1unit

541114



RFID safety switch, 2 safe SC outputs, male connector M12/8- pin on 1.5 m cable, for applications up to SIL 3 or PL e or Cat. 4, IP67, typ. operating distance 11 mm, Sao = 8 mm, Sar = 20 mm, PU = 1piece fully coded switch with actuator, max. 8 teach-in processes.

Technical details

General data

Approval:	CE, cULus Listed, FCC, IC, TÜV, 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:	yes
unit type:	Unit

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. dist. temp.change:	+0.01mm/°C
Mechanical data	
Bend radius (when laying) K1:	5 x Ø
Type 1 actuator:	PSEN cs4.1
Sensor can be flush-mounted:	Yes, follow installation guide
Connection type:	M12, 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
Net weight:	110 g
Gross weight:	140 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

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