

PSEN cs4.1 M12/8-0.15m/PSEN cs4.1 1Unit

541109



RFID safety switch 2 safe SC outputs, 8-pin M12 male connector, with 0.15 m cable, one actuation direction, series connection, support for SDD, IP67, switching distance 11 mm, Sao = 8 mm, Sar = 20 mm, PU = 1 piece fully coded switch with actuator. A total of 8 teach-in processes is possible.




Technical details










General data	
Approval:	CE, UKCA, 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:	50 g
Gross weight:	70 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 klassifikation (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

Optional accessories

	540324	PSEN cable angle M12 8-pole 10m
	540325	PSEN cable angle M12 8-pole 30m
	540326	PSEN cable axial M12 8-pole 30m

	540338	PSEN Y junction M12-M12/M12 PIGTAIL
	540320	PSEN cable axial M12 8-pole 5m
	540342	PSEN cable M12-8sf M12-8sm, 10m
	540331	PSEN T junction (auxiliary contact) M12
	540321	PSEN cable axial M12 8-pole 10m
	540343	PSEN cable M12-8sf M12-8sm, 20m
	540322	PSEN cable angle M12 8-pole 3m
	540344	PSEN cable M12-8sf M12-8sm, 30m
	540333	PSEN cable M12-8sf, 20m

	540323	PSEN cable angle M12 8-pole 5m
	540319	PSEN cable axial M12 8-pole 3m
	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