

PSEN cs3.1 M12/8-0.15m/PSEN cs3.1 1Unit

541009



RFID safety switch 2 safe SC outputs, 8-pin M12 male connector, one actuation direction, support for SDD, IP67, switching distance 11 mm, Sao = 8 mm, Sar = 20 mm, series connection, PU = 1 piece coded switch with actuator.

Technical details

General data

Approval:	CE, UKCA, cULus Listed, FCC, IC, TÜV, EAC (Eurasian)
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:	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 cs3.1
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, Imidazolidine-2-thione
%-part of the pollutant:	> 0,1%
CAS No.:	7439-92-1, 96-45-7
WEEE classification (08/2018):	5 devices (feed size < 50cm)
Commercial data	
Harmonized System Code:	85365019
EAN-Code:	4046548065688
ECLASS version:	ECLASS-13
ECLASS Reference Feature:	27274601
ETIM Version:	ETIM-9.0
ETIM Reference Group:	EG000026
ETIM Reference Feature:	EC002592
Volume:	0

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