PSEN cs3.1a 1switch 541061



RFiD safety switch 2 safe SC outputs, 5 m cable, one actuation direction, support for SDD, IP6K9K, switching distance depends on the actuator, PU = 1 piece coded switch without actuator.

Technical details

General data	
Approval:	CE, UKCA, cULus Listed, FCC, IC, EAC (Eurasian), TÜV
Sensor principle:	Transponder
Coding level to ISO 14119:	gering
Classification to EN 60947-5-3:	PDDB
Transponder coding:	codiert
Suitable for series connection:	ja
unit type:	Sensor
Technical data	
Electrical data	
Supply voltage (V):	24
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
Max. ambient temp. at Hmax:	+60 °C
Max. ambient temp. at 2000 m:	+70 °C
Storage temperature standard:	EN 60068-2-1/-2
Climatic suitability standard:	EN 60068-2-78
Humidity rating:	93 % r. F. bei 40 °C
Perm. operating height ASL:	4000 m
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:	5 m cable
Cable lines:	Li9Y11Y 8 x 0,14 mm2
Housing material upper part:	PBT
Height dimension:	37

Width dimension:	26
Depth dimension:	18
Gross weight:	247
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
%-part of the pollutant:	> 0,1%
CAS No.:	7439-92-1
WEEE classifikation (08/2018):	5 devices (feed size < 50cm)
SCIP entry available:	0
Commercial data	
Harmonized System Code:	85365019
UNSPSC 25:	39122205
EAN-Code:	4046548067125
ECLASS version:	ECLASS-13
ECLASS Reference Feature:	27274601
ETIM Version:	ETIM-9.0
ETIM Reference Group:	EG000026
ETIM Reference Feature:	EC002592
Volume:	0 dm3

Obligatory accessories

	541080	PSEN cs3.1 1 actuator
	540080	PSEN cs1.1 1 actuator
	541087	PSEN cs3.1 low profile glue 1 actuator
	541088	PSEN cs3.1 low profile screw 1 actuator

Optional accessories

	540334	PSEN/PDP67 M12-8sm screw terminals
	540130	SDD ES ETH