

## PSEN sg2c-3LPS switch

570805



Safety gate system 2. generation, safe interlock with safe guard locking, in accordance with EN 60947-5-3, for applications up to PL e. Consisting of 3 elements: 1. Illuminated pushbutton for activating the safety gate, 2. Pushbutton for access and release of the safety gate, 3. Section stop pushbutton. Scope of supply: Sensing device with pushbuttons (spare).

## Technical details

### General data

Approval:	CE, UKCA, cULus Listed, FCC, TÜV
Sensor principle:	Transponder
Coding level to ISO 14119:	Low
Transponder coding:	coded
Suitable for series connection:	yes
unit type:	Sensor

### Technical data

#### Electrical data

Supply voltage (V):	24 - 24 V
Type of supply voltage U1:	DC
Power consumption DC:	2 W

#### Inputs

Number of inputs:	2
U input to EN 61131-2 Type 2:	24 V DC

#### Area stop

Release type section stop:	Turn release
Switch cap. button to standard:	EN 60947-5-1

#### Semiconductor outputs

Number of OSSD outputs:	2
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Number of sig. outputs:	2
S/C output short circuit proof:	Yes
<b>Button</b>	
Contact material button:	AgNi
Switch cap. button to standard:	EN 60947-5-1
<b>Environmental data</b>	
Ambient temperature standard:	EN 60068-2-14
Ambient temperature:	-20 - 55 °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 55011: Class A, EN 61000-4-8, EN 61000-4-4, EN 61000-4-5, EN 61000-4-6, EN 61000-4-2, EN 61000-4-3
Vibration to standard ...:	EN 60068-2-6
Acc. shock to standard1:	30g
Overvoltage category:	III
Pollution degree clear.&creep.:	3
<b>Switching distances</b>	
Change op. dist. temp.change:	+0.01mm/°C
<b>Mechanical data</b>	
Escape release available:	Yes
Holding force, closing movemen:	1000 N
Holding force pan direction:	2000 N
Type 1 actuator:	PSEN sg2 actuator
Connection type:	Pluggable spring terminal
Cable lines:	LiYY 24 x 0.5 mm <sup>2</sup>
Housing material upper part:	Plastic
Material actuator:	Stainless steel
Height dimension:	465 mm

Width dimension:	46.5 mm
Depth dimension:	74.5 mm
Net weight:	1080 g
Gross weight:	1170 g
<b>Transponder</b>	
Operating frequency:	122 kHz - 128 kHz
<b>Environment</b>	
RoHS directive:	2011/65/EU, 2015/863/EU
RoHS conformity:	yes
RoHS exceptions:	yes
RoHS except.s acc. to direct.:	7a, 6c, 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
SCIP entry available:	yes
WEEE classification (08/2018):	5 devices (feed size < 50cm)
<b>Commercial data</b>	
ECLASS version:	ECLASS-13
ECLASS Reference Feature:	27272603
ETIM Version:	ETIM-9.0
ETIM Reference Group:	EG000026
ETIM Reference Feature:	EC002593
UNSPSC 25:	39122205
GTIN:	4046548079760
Volume:	0 dm3
Harmonized System Code:	85365019
Type of tariff number:	TARIC
Use of customs tariff number:	Ausfuhr, Einfuhr

Quantity per packaging unit:

1

## Optional accessories

570875

PSEN sg color covers (pushbutton)



570777

PSEN sg2c Set spring loaded terminals



570871

PSEN sg auxiliary release pin



570773

PSEN sg2 cover 2pieces



570870

PSEN sg escape release pin



570890

PSEN sg2 actuator

