

PSEN ml b 1.1 unit

570400



Safety gate system with mechanical guard locking, basic version, with power reset, IP67, 8-pin M12 connector with pigtail 230mm, 4 LEDs on 3 sides, SIL3/PL e/Cat4, package content = 1 coded sensor with actuator

Technical details

General data

Approval:	CE, UKCA, cULus Listed, FCC, IC, TÜV
Sensor principle:	Transponder
Coding level to ISO 14119:	Low
Classification to EN 60947-5-3:	PDDb
Transponder coding:	coded
Reset type:	Power reset
Suitable for series connection:	no
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-13
Environmental data	
Ambient temperature standard:	EN 60068-2-14
Ambient temperature:	0 - 60 °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 60947-5-3, EN 61326-3-1
Vibration to standard ...:	EN 60068-2-6
Acc. shock to standard1:	30g
Overvoltage category:	III
Pollution degree clear.&creep.:	3
UL enclosure type:	Type 1
Times	
Pulse length lock/unlock req.:	350 - 400 ms
Mechanical data	
Bend radius (when laying) K1:	5 x Ø
Escape release available:	No
Max. vertical offset:	+/-3.0 mm
Max. ang. offset round X axis:	+/-2.0 deg
Max. ang. offset round Y axis:	+/-2.5 deg
Max. ang. offset round Z axis:	+/-7.5 deg
Max. offset closing direction:	+/-2 mm
Type 1 actuator:	PSEN ml 1.1
Connection type:	M12, 8-pin male
Cable lines:	LiYY 8 x 0.25 mm ²
Product material:	Zn, Aluminium, Galvanised steel, Stainless steel, Plastic

Height dimension:	217.2 mm
Width dimension:	40 mm
Depth dimension:	40 mm
Net weight:	1100 g
Gross weight:	1450 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
REACH compliance:	contains min. 1 SVHC-substance
REACH included substances:	Lead oxide
%-part of the pollutant:	> 0,1 %
CAS No.:	1317-36-8
WEEE classification (08/2018):	5 devices (feed size < 50cm)
Commercial data	
Harmonized System Code:	85365019
ECLASS version:	ECLASS-9.1
ECLASS Reference Feature:	27272603
ETIM Version:	ETIM-7.0
ETIM Reference Group:	EG000026
ETIM Reference Feature:	EC002593

Optional accessories



540346

PSEN cable M12-8sf M12-8sm, 1m