

PSEN ma2.1p-34/6mm/LED/ATEX 1switch

506404



Magnetic safety switch 1 n/o 1 n/c, 4-pin M8 male connector, square design, LED, IP67, operating distance 6 mm, height design 13 mm, PU = 1 sensor without actuator, ATEX approval.

Technical details

General data

Approval:	CE, UKCA, cULus Listed, ATEX, electrosuisse, TÜV, EAC (Eurasian)
Sensor principle:	magnetic
Coding level to ISO 14119:	Low
Classification to EN 60947-5-3:	PDDb
Suitable for series connection:	yes
unit type:	Sensor

Technical data

Electrical data

Supply voltage (V):	24 - 24 V
Type of supply voltage U1:	DC
Switching voltage:	24 V

Environmental data

ATEX certificate number:	SEV 12 ATEX 0121 X
ATEX category gas:	II 3G Ex mc nAc IIC T6
ATEX category dust:	II 3D Ex mc tc IIIC T80°C
ATEX application area X:	X: -25°C ≤ ta ≤ +55°C
Ambient temperature:	-25 - 55 °C
EMC to standard ...:	EN 60947-5-3
Vibration to standard ...:	EN 60947-5-2

Acc. shock to standard1:	30g
Pollution degree clear.&creep.:	3
Mechanical data	
Type 1 actuator:	PSEN 2.1-10
Sensor can be flush-mounted:	Yes, follow installation guide
Connection type:	M8, 4-pin male
Housing material upper part:	PC
Height dimension:	45 mm
Width dimension:	26 mm
Depth dimension:	13 mm
Net weight:	20 g
Gross weight:	25 g
Environment	
RoHS directive:	2011/65/EU, 2015/863/EU
RoHS conformity:	yes
RoHS exceptions:	yes
RoHS except.s acc. to direct.:	7c I
REACH compliance:	contains min. 1 SVHC-substance
REACH included substances:	Lead oxide
%-part of the pollutant:	> 0,1%
CAS No.:	1317-36-8
WEEE classifikation (08/2018):	5 devices (feed size < 50cm)
Commercial data	
ECLASS version:	ECLASS-9.1
ECLASS Reference Feature:	27272402
ETIM Version:	ETIM-7.0
ETIM Reference Group:	EG000026
ETIM Reference Feature:	EC002544

Obligatory accessories



533111

PSEN Kabel Gerade/cable straightplug 2m



533121

PSEN Kabel Gerade/cable straightplug 5m



533110

PSEN Kabel Winkel/cable angleplug 2m



533131

PSEN Kabel Gerade/cable straightplug 10m



533120

PSEN Kabel Winkel/cable angleplug 5m



533141

PSEN Kabel Gerade/cable straightplug 30m



533130

PSEN Kabel Winkel/cable angleplug 10m



533140

PSEN Kabel Winkel/cable angleplug 30m

Optional accessories



535110

PSEN i1 Interface for 4 PSEN 2



540310

PSEN screw M4x16 10pcs



532110

PSEN Winkel / bracket



533111

PSEN Kabel Gerade/cable straightplug 2m



534310

PSEN Distanzplatte / spacer (10 pcs.)



533121

PSEN Kabel Gerade/cable straightplug 5m



533110

PSEN Kabel Winkel/cable angleplug 2m



534320

PSEN reverse spacer



533120

PSEN Kabel Winkel/cable angleplug 5m



533131

PSEN Kabel Gerade/cable straightplug 10m



533141

PSEN Kabel Gerade/cable straightplug 30m



533130

PSEN Kabel Winkel/cable angleplug 10m



533140

PSEN Kabel Winkel/cable angleplug 30m



380200

PSS67 Cable M8sf M12sm, 3m



380203

PSS67 Cable M8sf M12sm, 30m



380204

PSS67 Cable M8af M12sm, 3m



773600

PDP67 F 8DI ION



380300

PSEN ma adapter



380201

PSS67 Cable M8sf M12sm, 5m



380202

PSS67 Cable M8sf M12sm, 10m



380207

PSS67 Cable M8af M12sm, 30m



380205

PSS67 Cable M8af M12sm, 5m



380206

PSS67 Cable M8af M12sm, 10m