PILZ
THE SPIRIT OF SAFETY

PSEN 2.1a-20/PSEN 2.1-20/8mm /5m/1unit 502226

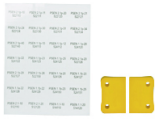
Magnetic safety switch 1 n/o 1 n/c, square design, IP6K9K, operating distance 8 mm, height design 13 mm, PU = 1 piece with actuator, with 5 m cable (PUR).

Technical details

General data	
Approval:	CE, UKCA, cULus Listed, EAC (Eurasian), ECOLAB, TÜV
Sensor principle:	magnetic
Coding level to ISO 14119:	Low
Classification to EN 60947-5-3:	PDDB
Suitable for series connection:	yes
unit type:	Unit
Technical data	
Electrical data	
Supply voltage (V):	24 - 24 V
Type of supply voltage U1:	DC
Switching voltage:	24 V
Environmental data	
Ambient temperature:	-25 - 70 °C
Max. ambient temp. at 2000 m:	+70 °C
Climatic suitability standard:	IEC 60068-2-30
Humidity rating:	93 % r. h. at 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
Pollution degree clear.&creep.:	3
Mechanical data	
Type 1 actuator:	PSEN 2.1-20
Sensor can be flush-mounted:	Yes, follow installation guide
Connection type:	5 m cable
Cable lines:	LiY11Y 4 x 0.25 mm2
Housing material upper part:	PBT
Height dimension:	36 mm
Width dimension:	26 mm
Depth dimension:	13 mm
Net weight:	170 g
Gross weight:	206 g
Environment	
RoHS directive:	2011/65/EU, 2015/863/EU
RoHS conformity:	yes
RoHS exceptions:	no
REACh compliance:	Contains no SVHC substances
WEEE classifikation (08/2018):	5 devices (feed size < 50cm)
Commercial data	
Harmonized System Code:	85365019
UNSPSC 25:	39122205
EAN-Code:	4046548026702
ECLASS version:	ECLASS-13
ECLASS Reference Feature:	27272402
ETIM Version:	ETIM-9.0
ETIM Reference Group:	EG000026
ETIM Reference Feature:	EC002544
Volume:	0 dm3

Optional accessories

	535110	PSEN i1 Interface for 4 PSEN 2
	380308	PSS67 M12 connector,straight,male,5pole
	540310	PSEN screw M4x16 10pcs
	380310	PSS67 M12 connector, angled, male, 5pole
	534310	PSEN Distanzplatte / spacer (10 pcs.)
	532110	PSEN Winkel / bracket
	534320	PSEN reverse spacer