

PSEN ma1.3b-24/EX/VA/1switch

526254



Magnetic safety switch 2 n/o, 1 auxiliary contact n/o, cylindrical design M12, with 10 m cable, LED, IP67/69, operating distance depending on the actuator 8/12 mm, PU = 1 sensor without actuator, stainless steel housing, certification (ATEX, CE, EAC, ECOLAB, TÜV, UL/cUL).

Technical details

General data

Approval:	IEC Ex, CE, UL/cUL, UKCA, ATEX, KCs, EAC (Eurasian), ECOLAB, TÜV
Sensor principle:	magnetic
Coding level to ISO 14119:	Low
Classification to EN 60947-5-3:	PDDb
Suitable for series connection:	no
unit type:	Sensor

Technical data

Electrical data

Supply voltage (V):	24 - 24 V
Type of supply voltage U1:	DC
Switching voltage:	24 V
Utilisation cat. reed contacts:	DC-12

Environmental data

ATEX certificate number:	SEV 17 ATEX 0155 X
ATEX category gas:	Ex II 3G Ex mc IIC T6 Gc
ATEX category dust:	Ex II 3D Ex mc IIIC T80°C Dc
ATEX application area X:	X: $-25^{\circ}\text{C} \leq t_a \leq +55^{\circ}\text{C}$
Ambient temperature:	-25 - 55 °C
Max. ambient temp. at 2000 m:	+55 °C

Climatic suitability standard:	IEC 60068-2-30
Humidity rating:	90 % 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
UL enclosure type:	type 1
Mechanical data	
Type 1 actuator:	PSEN ma1.3-08 EX VA
Sensor can be flush-mounted:	Yes, follow installation guide
Connection type:	10 m cable
Cable lines:	Li9Y11Y 6 x 0.14 mm ²
Housing material upper part:	Stainless steel 1.4401
Height dimension:	12 mm
Width dimension:	12 mm
Depth dimension:	76 mm
Net weight:	220 g
Gross weight:	230 g
Environment	
RoHS directive:	2011/65/EU, 2015/863/EU
RoHS conformity:	yes
RoHS exceptions:	no
REACH compliance:	Contains no SVHC substances
WEEE classification (08/2018):	5 devices (feed size < 50cm)
Commercial data	
Harmonized System Code:	85365019
UNSPSC 25:	39122205
EAN-Code:	4046548083965

ECLASS version:	ECLASS-13
ECLASS Reference Feature:	27272402
ETIM Version:	ETIM-9.0
ETIM Reference Group:	EG000026
ETIM Reference Feature:	EC002544
Volume:	0 dm3