

PSEN ma1.3b-28/PSEN ma1.3-08/IX/EX/VA/1U

506255



Safety sensor for position monitoring of moveable guards in accordance with EN 60947-5-3, 2 n/o, 1 auxiliary contact n/o, LED, with 10 m cable, for applications up to SIL 3/PL e/Cat. 4, cylindrical design M12, IP69, PU = 1 sensor with M12 actuator, operating distance 8mm, for applications with PSEN ix1, stainless steel housing, ATEX approval.

Technical details

General data

Approval:	IEC Ex, CE, UL/cUL, UKCA, ATEX, KCs, TÜV, EAC (Eurasian), ECOLAB
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
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°C ≤ ta ≤ +55°C
Ambient temperature:	-25 - 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
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:	230 g
Gross weight:	240 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:	4046548084009
ECLASS version:	ECLASS-13
ECLASS Reference Feature:	27272402

ETIM Version:	ETIM-9.0
ETIM Reference Group:	EG000026
ETIM Reference Feature:	EC002544
Volume:	0

Obligatory accessories



535120

PSEN ix1 Interface for 4 PSEN 1