





## Conformity Statement

- (1)
- (2) Equipment and protective systems intended for use in potentially explosive atmospheres - **Directive 2014/34/EU**
- (3) Certificate number: **SEV 12 ATEX 0121 X**
- (4) Product: Safety switch product groups: PSEN 1.X, PSEN 2.X
- (5) Manufacturer: Pilz GmbH & Co. KG
- (6) Address: Felix-Wankel-Strasse 2, 73760 Ostfildern, GERMANY
- (7) This product and any acceptable variation thereto are specified in the schedule to this certificate and the documents therein referred to.
- (8) Eurofins certifies that this product has been found to comply with the essential health and safety requirements relating to the design and construction of equipment and protective systems intended for use in potentially explosive atmospheres given in Annex II to Directive 2014/34/EU of the European parliament and of the Council, dated 26 February 2014.  
The examination and test results are recorded in confidential report no. 12-IK-0161.01 incl. Extension 1
- (9) Compliance with the essential health and safety requirements has been assured by compliance with:  
**EN 60079-0:12 + A11:13      EN 60079-15:10      EN 60079-18:15**  
**EN 60079-31:14**
- Except in respect of those requirements listed at item 18 of the schedule.
- (10) If the sign «X» is placed after the certificate number, it indicates that the product is subjected to special conditions for safe use specified in the schedule to this certificate.
- (11) This Conformity Statement relates only to the design and construction of the specified product and not to specific items of product subsequently manufactured.
- (12) The marking of the product shall include the following:
- |   |                                   |   |                                |
|---|-----------------------------------|---|--------------------------------|
|  | <b>Versions with connector:</b>   |  | <b>Versions with cable:</b>    |
|   | <b>II 3 G Ex mc nAc IIC T6</b>    |   | <b>II 3 G Ex mc IIC T6</b>     |
|   | <b>II 3 D Ex mc tc IIC T80 °C</b> |   | <b>II 3 D Ex mc IIC T80 °C</b> |

**Eurofins Electrosuisse Product Testing AG**

Martin Plüss  
Product Certification



(13)

## Appendix

(14)

**Conformity Statement no. SEV 12 ATEX 0121 X**

(15) **Description of product**

The safety switches of the PSEN 1.X and 2.X series are safety magnetic switches which react with a magnet. They are installed in a plastic housing encapsulated. The safety switches are available with a plug or with a permanently connected cable.

Type reference:

PSEN 1.1b-23, PSEN 1.1b-25, PSEN 1.1p-23 PSEN 1.1p-25, PSEN 1.2p-23, PSEN 1.2p-25  
 PSEN 2.1b-26, PSEN 2.1p-24, PSEN 2.1p-34, PSEN 2.2p-24, PSEN ma 2.1p-34

Rating:

Electric circuit supply:	Rating voltage:	24 VDC
	Tolerance:	+/- 20 %
	Maximum switch current:	0.5 A
	Power consumption:	0.17 W

(16) **Report number**

12-IK-0161.01 incl. Extension 1

(17) **Specific conditions of use**

- The permissible ambient temperature for product group PSEN 1.X is -10 ° C to +55 ° C  
 Product of group PSEN 1.X are  
 PSEN 1.1b-23, PSEN 1.1b-25, PSEN 1.1p-23 PSEN 1.1p-25, PSEN 1.2p-23, PSEN 1.2p-25
- The permissible ambient temperature for product group PSEN 2.X is -25 ° C to +55 ° C  
 Product of group PSEN 2.X are  
 PSEN 2.1b-26, PSEN 2.1p-24, PSEN 2.1p-34, PSEN 2.2p-24, PSEN ma 2.1p-34
- The plug must be protected for impact or shock action according to EN 60079-0 section 26.4.2.
- The connector is to secure against accidental loosening and is to provide the following warning:  
 "WARNUNG – NICHT UNTER SPANNUNG TRENNEN"  
 "WARNING – DO NOT SEPARATE WHEN ENERGIZED"

(18) **Essential health and safety requirements**

In addition to the essential health and safety requirements (EHSRs) covered by the standards listed at item 9, the following are considered relevant to this product, and conformity is demonstrated in the report:

Clause	Subject
None	

(19) **Drawings and documents**

Number	Sheet	Issue date	Description
See test report "Manufacturer's Documents"			