

# EU-Type Examination Certificate

- [2] EQUIPMENT OR PROTECTIVE SYSTEM INTENDED FOR USE IN POTENTIALLY EXPLOSIVE ATMOSPHERES DIRECTIVE 2014/34/EU
- [3] EU-Type Examination Certificate Number: Presafe 17 ATEX 9668X Issue 0
- [4] Product: Non-Contact AC Voltage Detector
- [5] Manufacturer: SHENZHEN EVERBEST MACHINERY INDUSTRY CO., LTD
- [6] Address: 19th Building, 5th Region, Baiwangxin Industry, Xili, Shenzhen, China 518108
- [7] This product and any acceptable variation thereto is specified in the schedule to this certificate and the documents therein referred to.
- [8] DNV GL Nemko Presafe AS, notified body number 2460, in accordance with Article 17 of Directive 2014/34/EU of the European Parliament and of the Council, dated 26 February 2014, certifies that this product has been found to comply with the Essential Health and Safety Requirements relating to the design and construction of products intended for use in potentially explosive atmospheres given in Annex II to the Directive.  
The examination and test results are recorded in confidential reports listed in section 16.
- [9] Compliance with the Essential Health and Safety Requirements has been assured by compliance with: EN 60079-0:2012/A11:2013, EN 60079-11:2012, and EN 60079-28:2015.
- [10] If the sign "X" is placed after the certificate number, it indicates that the product is subject to the Specific Conditions of Use specified in the schedule to this certificate.
- [11] This EU - TYPE EXAMINATION CERTIFICATE relates only to the design and construction of the specified product. Further requirements of the Directive apply to the manufacturing process and supply of this product. These are not covered by this certificate.
- [12] The marking of the product shall include the following:

 II 2 G Ex ib op is IIB T4 Gb

Date of issue: 2018-05-23

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Ståle Sandstad  
For DNV GL Nemko Presafe AS  
The Certificate has been digitally signed.  
See [www.presafe.com/digital\\_signatures](http://www.presafe.com/digital_signatures) for more info



*This certificate may only be reproduced in its entirety and without any change, schedule included.*

[13] **Schedule**

[14] **EU-TYPE EXAMINATION CERTIFICATE No.:** Presafe 17 ATEX 9668X **Issue 0**

[15] **Description of Product**

AC-15EX and AC-15EXS are portable non-contact AC voltage detector, they are powered by two type L cells in series. They have two ranges of detection voltage. They comprise plastic enclosure, cells, circuit boards, buttons, speaker, vibration motor (only for AC-15EXS), flashlight and signal indicators.

**Type designation**

AC-15EX, AC-15EXS

**Electrical Data**

Rated voltage of cell: 1.5 V d.c.

**Degrees of protection (IP Code)**

IP67 (1 m, 30 min)

**Ambient temperature:**

0°C to +50°C

**Routine tests**

N/A

[16] **Report No.:** 2018-9008, Rev. 00

**Project No.:** PRJC-557594-2016-PRC-CHN

[17] **Specific Conditions of Use**

- Use only GP or RS LR03 cells.
- Do not replace cells when an explosive atmosphere is present.

[18] **Essential Health and Safety Requirements**

Essential Health and Safety Requirements (EHSRs) are covered by the standards listed at item 9.

[19] **Drawings and documents**

Number	Title	Rev.	Date
AC-15EX-001	AC-15EX General assembly drawing (Suitable for AC-15EX, AC-15EXS)	1	2017-10-31
AC-15EX-002	AC-15EX connection (Suitable for AC-15EX, AC-15EXS)	1	2017-10-31
AC-15EX-003	AC-15EX shape (Suitable for AC-15EX, AC-15EXS)	1	2017-10-31

PD-AC-15EX DQ001	AC-15EX Schematic	V1.1	2018-01-16
PD-AC-15EX DQ006	AC-15EX Components Position	V1.1	2018-01-16
PD-AC-15EX DQ007	AC-15EX Component Position Bottom (Suitable for AC-15EX, AC-15EXS)	V1.1	2018-01-16
PD-AC-15EX DQ002	AC-15EX Top Layer (Suitable for AC-15EX, AC-15EXS)	V1.1	2018-01-16
PD-AC-15EX DQ003	AC-15EX Bottom Layer (Suitable for AC-15EX, AC-15EXS)	V1.1	2018-01-16
PD-AC-15EX DQ008	AC-15EX Little PCB Components Position (Suitable for AC-15EX, AC-15EXS)	V1.1	2018-01-16
PD-AC-15EX DQ004	AC-15EX Little PCB Top Layer (Suitable for AC-15EX, AC-15EXS)	V1.1	2018-01-16
PD-AC-15EX DQ005	AC-15EX Little PCB Bottom Layer (Suitable for AC-15EX, AC-15EXS)	V1.1	2018-01-16
PD-AC-15EX DQ009	AC-15EX Components list	V1.1	2018-03-17
PD-AC-15EX DQ010	AC-15EX Nameplate	V1.0	2018-03-17
PD-AC-15EXS DQ001	AC-15EXS Schematic	V1.1	2018-01-16
PD-AC-15EXS DQ006	AC-15EXS Components Position	V1.1	2018-01-16
PD-AC-15EXS DQ009	AC-15EXS Components list	V1.0	2018-01-24
PD-AC-15EXS DQ010	AC-15EXS Nameplate	V1.0	2018-03-17

## [20] Certificate History

Issue	Description	Issue date	Report no.
0	Original issue	2018-05-23	2018-9008, Rev. 00

END OF CERTIFICATE