

1 EU - Type Examination Certificate

2 Equipment intended for use in Potentially Explosive Atmospheres Directive 2014/34/EU

3 Certificate Number: ExVeritas 16 ATEX 0203 Issue: 2

4 Equipment: Voltstick and Magnetstick

5 Manufacturer: Necas A/S

6 Address: Juelstrupparken 9, DK-9530 Stoevring, Denmark

7 This equipment and any acceptable variation thereto are specified in the schedule to this certificate and the documents therein referred to.

8 ExVeritas, Notified Body number 2804 in accordance with Article 17 of the Council Directive 2014/34/EU of 26 February 2014, certifies that this equipment or protective system has been found to comply with the Essential Health and Safety Requirements relating to design and construction of equipment and protective systems for use in potentially explosive atmospheres given in Annex II to the Directive

9 Compliance with the applicable Essential Health and Safety Requirements has been assured by compliance with the following Standards and section 16 of this certificate:

EN 60079-0: 2018
EN 60079-11: 2012

10 If the sign "X" is placed after the certificate number, it indicates that the equipment is subject to special conditions for safe use specified in the schedule to this certificate.

11 This EU-Type Examination Certificate relates only to the design, construction, examination and tests of the specified equipment or protective system in accordance to the Directive 2014/34/EU. Further requirements of the Directive apply to the manufacturing process and supply of this equipment or protective system. These are not covered by this certificate.

12 The marking of the equipment shall include the following:

 II 2 G Ex ib IIB T3 Gb

The logo for DANAK, featuring a red crown icon above the word 'DANAK' in a bold, red, sans-serif font. Below it, in a smaller black font, is 'PROD Reg.No. 7044' and 'Member of EA MLA'.

On behalf of ExVeritas

A circular official signatory stamp for ExVeritas. It contains the ExVeritas logo, the text 'OFFICIAL SIGNATORY', and the signature of Peter Lauritzen, Managing Director.

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

The certificate is only valid when it carries an original signature.

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ExVeritas ApS, Severinsmindevej 6, 4420 Regstrup, Denmark.

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Schedule

13 Description of Equipment or Protective System

The Volt and Magnet stick are handheld, battery-operated devices for the use of detecting Magnetic or Electric fields in operation (of electrical equipment). Both operate by the illumination of an internal LED upon sensing of the respective fields. Both are constructed from the same polyamide which house the PCB and batteries used to sense and power the field and LED.

Power: 2x1.5V AAA IEC Type Batteries GP (GN24A)

14 Descriptive Documents

14.1 Associated Report and Certificate History:

Report Number	Cert Issue Date	Issue	Comment
R0950/A/1	23/03/17	0	Initial issue of the Prime Certificate
R1392/A/1	07/12/17	1	Issue of first variation
R3433/A/1	21/12/21	2	Transfer to Danish Accreditation and standard update

14.2 Compliance Drawings:

Issue 0

Number	Date	Issue	Description
MS 0001 HF 063	17.02.2017	1.0	Material list Magnet stick
MS 0002	16.02.2017	1.0	Component- PCB- Layout and assembling notes for Magnet stick
MS 0003	16.02.2017	1.0	Circuit diagram Magnet stick
MS 0005	06.03.2017	1.1	Specification for customized Magnet Stick
VS 0001 HF 062 230V	09.02.2017	1.0	Material list Volt Stick 230 V
VS 0001 HF 064 50V	09.02.2017	1.0	Material list Volt Stick 50 V
VS 0002	16.02.2017	1.0	Component- PCB- Layout and assembling notes for Volt stick
VS 0003	16.02.2017	1.0	Circuit diagram Volt stick
VS 0005	26.03.2017	1.2	Specification for customized Volt Stick

Issue 1

Number	Date	Issue	Description
VS 0001 HF 062 230V	23.11.2017	1.2	Material list Volt Stick 230 V
VS 0001 HF 064 50V	23.11.2017	1.2	Material list Volt Stick 50 V
MS 0001 HF 063	17.02.2017	1.0	Material list Magnet stick
MS 0002	16.02.2017	1.0	Component- PCB- Layout and assembling notes for Magnet stick
MS 0003	16.02.2017	1.0	Circuit diagram Magnet stick
MS 0005	06.03.2017	1.1	Specification for customized Magnet Stick
VS 0002	16.02.2017	1.0	Component- PCB- Layout and assembling notes for Volt stick
VS 0003	16.02.2017	1.0	Circuit diagram Volt stick
VS 0005	26.03.2017	1.2	Specification for customized Volt Stick

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15 Conditions of Certification

15.1 Special Conditions for Safe Use
None.

15.2 Conditions for Use
(Routine Tests)

16 Essential Health and Safety Requirements

Essential Health and Safety Requirements are addressed by the standards listed in section 9 and where required the report listed in section 14.1

The manufacturer shall inform the Notified Body of any modifications to the design of the product described by this schedule.

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