IECEx Certificate of Conformity

INTERNATIONAL ELECTROTECHNICAL COMMISSION
IEC Certification Scheme for Explosive Atmospheres

for rules and details of the IECEx Scheme visit www.iecex.com

Certificate No.: IECEx EXV 16.0018

Issue No: 1

Certificate history:
Issue No. 1 (2018-01-12)
Issue No. 0 (2017-03-28)

Status: **Current**

Date of Issue: **2018-01-12**

Applicant: **Necas A/S**
Juelstrupparken 9, DK-9530 Stoevring
Denmark

Equipment: **Magnet Stick and Voltstick**
Optional accessory:

Type of Protection: **Intrinsic Safety "i"**

Marking:
Ex ib IIB T3 Gb

Approved for issue on behalf of the IECEx Certification Body: S D'Henin

Position: Certification Manager

Signature:
(for printed version)

Date:

1. This certificate and schedule may only be reproduced in full.
2. This certificate is not transferable and remains the property of the issuing body.
3. The Status and authenticity of this certificate may be verified by visiting the Official IECEx Website.

Certificate issued by:

ExVeritas Limited
Units 16-18 Abenbury Way
Wrexham Ind. Est.
Wrexham LL 139UZ
United Kingdom

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Manufacturer:	**Necas A/S** Juelstrupparken 9, DK-9530 Stoevring **Denmark**	

Additional Manufacturing location(s):

This certificate is issued as verification that a sample(s), representative of production, was assessed and tested and found to comply with the IEC Standard list below and that the manufacturer's quality system, relating to the Ex products covered by this certificate, was assessed and found to comply with the IECEx Quality system requirements. This certificate is granted subject to the conditions as set out in IECEx Scheme Rules, IECEx 02 and Operational Documents as amended.

STANDARDS:

The electrical apparatus and any acceptable variations to it specified in the schedule of this certificate and the identified documents, was found to comply with the following standards:

IEC 60079-0 : 2011 Edition:6.0	Explosive atmospheres - Part 0: General requirements
IEC 60079-11 : 2011 Edition:6.0	Explosive atmospheres - Part 11: Equipment protection by intrinsic safety "i"

*This Certificate **does not** indicate compliance with electrical safety and performance requirements other than those expressly included in the Standards listed above.*

TEST & ASSESSMENT REPORTS:

A sample(s) of the equipment listed has successfully met the examination and test requirements as recorded in

Test Report:

GB/EXV/ExTR16.0024/00 GB/EXV/ExTR17.0031/00

Quality Assessment Report:

GB/EXV/QAR16.0007/00

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Schedule

EQUIPMENT:

Equipment and systems covered by this certificate are as follows:

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)

SPECIFIC CONDITIONS OF USE: NO

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DETAILS OF CERTIFICATE CHANGES (for issues 1 and above):

Issue 1

- Alternative supplier for limiting Resisters for the voltstick and associated document changes

Annex:

IECEx ExV16.0018_01.pdf

Title:	Drawing No.:	Sheets	Rev. Level	Date:
Material list Magnet stick	MS 0001 HF 063	1 of 1	1.0	17.02.2017
Component- PCB- Layout and assembling notes for Magnet stick	MS 0002	1 of 1	1.0	16.02.2017
Circuit diagram Magnet stick	MS 0003	1 of 1	1.0	16.02.2017
Specification for customized Magnet Stick	MS 0005	1 of 1	1.1	06.03.2017
*Material list Volt Stick 230 V	VS 0001 HF 062 230V	1 of 1	1.2	23.11.2017
*Material list Volt Stick 50 V	VS 0001 HF 064 50V	1 of 1	1.2	23.11.2017
Component- PCB- Layout and assembling notes for Volt stick	VS 0002	1 of 1	1.0	16.02.2017
Circuit diagram Volt stick	VS 0003	1 of 1	1.0	16.02.2017
Specification for customized Volt Stick	VS 0005	1 of 2	1.2	26.03.2017

ExVeritas, Units 16-18, Abenbury Way, Wrexham Industrial Estate, Wrexham, United Kingdom LL13 9UZ.