



IECEX Certificate of Conformity

INTERNATIONAL ELECTROTECHNICAL COMMISSION IEC Certification System for Explosive Atmospheres

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

Certificate No.: **IECEX CML 22.0029X** Page 1 of 3 [Certificate history:](#)

Status: **Current** Issue No: 0

Date of Issue: 2022-06-06

Applicant: **Sensoteq Ltd**
Unit 23
Ormeau Business Park
8 Cromac Ave
Belfast
BT7 2JA
United Kingdom

Equipment: **Kappa X KPX1001**

Optional accessory:

Type of Protection: **Intrinsic safety Ex "i"**

Marking: Ex ia IIC T4 Ga
Ex ia IIIC T135°C Da
Ex ia I Ma
Ta = -40°C to +85°C

Approved for issue on behalf of the IECEx
Certification Body:

L A Brisk

Position:

Certification Officer

Signature:
(for printed version)

Date:
(for printed version)

2022-06-06

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 www.iecex.com or use of this QR Code.



Certificate issued by:

Eurofins E&E CML Limited
Unit 1, Newport Business Park
New Port Road
Ellesmere Port, CH65 4LZ
United Kingdom





IECEX Certificate of Conformity

Certificate No.: **IECEX CML 22.0029X**

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Date of issue: 2022-06-06

Issue No: 0

Manufacturer: **Sensoteq Ltd**
Unit 23
Ormeau Business Park
8 Cromac Ave
Belfast
BT7 2JA
United Kingdom

Manufacturing locations: **Sensoteq Ltd**
Unit 23
Ormeau Business Park
8 Cromac Ave
Belfast
BT7 2JA
United Kingdom

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 equipment 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 60079-0:2017](#) Explosive atmospheres - Part 0: Equipment - General requirements
Edition:7.0

[IEC 60079-11:2011](#) Explosive atmospheres - Part 11: Equipment protection by intrinsic safety "i"
Edition:6.0

This Certificate **does not** indicate compliance with 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/CML/ExTR22.0077/00](#)

Quality Assessment Report:

[GB/CML/QAR22.0003/00](#)



IECEX Certificate of Conformity

Certificate No.: **IECEX CML 22.0029X**

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Date of issue: 2022-06-06

Issue No: 0

EQUIPMENT:

Equipment and systems covered by this Certificate are as follows:

The Kappa X KPX1001 is a self-contained battery powered vibration monitoring transducer with integral low power radio transmitter.

See Annex for full description.

SPECIFIC CONDITIONS OF USE: YES as shown below:

See Annex for Specific Conditions of Use.

Annex:

[IECEX CML 22.0029X Annex Iss 0_1.pdf](#)

Annexe to: IECEx CML 22.0029X Issue 0
Applicant: Sensoteq Ltd.
Apparatus: Kappa X KPX1001

Description

The Kappa X KPX1001 is a self-contained battery powered vibration monitoring transducer with integral low power radio transmitter. The equipment comprises a battery and circuit board mounted within a plastic enclosure with stainless steel base and magnetic mounting. The equipment is certified for use in areas requiring equipment protection levels Ga, Da, and Ma.

Intrinsic safety is achieved by the use of a suitable battery and by limiting energy storage and discharge.

Conditions of Manufacture

- i. Where the product incorporates certified parts or safety critical components, the manufacturer shall ensure that any changes to those parts or components do not affect the compliance of the certified product that is the subject of this certificate.

Specific Conditions of Use

- i. Under certain extreme circumstances, the non-metallic parts incorporated in the enclosure of this equipment may generate an ignition-capable level of electrostatic charge. Therefore, the equipment shall not be installed in a location where the external conditions are conducive to the build-up of electrostatic charge on such surfaces. This is particularly important if the equipment is installed in a zone 0 location. In addition, the equipment shall only be cleaned with a damp cloth.
- ii. This equipment contains a single cell which may only be replaced in a non-hazardous area. Use only cell type SAFT 14250 1/2AA.

