



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 ETL 24.0020X** Page 1 of 3 [Certificate history:](#)

Status: **Current** Issue No: 0

Date of Issue: 2026-03-18

Applicant: **Digital Vibrations, S. De R.L. De C.V**
Calle 45 lote 5 x 6 y 8
Col. Leandro Valle, Merida 97143
Mexico

Equipment: **Vibration Sensor (EPH-V82, EPH-V83)**

Optional accessory:

Type of Protection: **Ex ic**

Marking: Ex ic IIC T5 Gc
Ex ic IIIC T85°C Dc
-30°C ≤ Tamb ≤ +80°C
IECEX ETL 24.0020X

Approved for issue on behalf of the IECEx
Certification Body:

Todd L. Relyea

Position:

Certification Officer

Signature:
(for printed version)

Date:
(for printed version)

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:

Intertek
3933 US Route 11 South
Cortland NY 13045-2995
United States of America

intertek



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Manufacturer: **Digital Vibrations, S. De R.L. De C.V**
Calle 45 lote 5 x 6 y 8
Col. Leandro Valle, Merida 97143
Mexico

Manufacturing locations: **Digital Vibrations, S. De R.L. De C.V**
Calle 45 lote 5 x 6 y 8
Col. Leandro Valle, Merida 97143
Mexico

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:

[US/ETL/ExTR24.0014/00](#)

Quality Assessment Report:

[US/ETL/QAR26.0004/00](#)



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EQUIPMENT:

Equipment and systems covered by this Certificate are as follows:

The equipment covered by the reports are the vibration sensors that are a line of machine health monitoring products. The sensors are for monitoring vibration, speed, temperature or current. The sensors transmit their data via Bluetooth Low Energy (BLE) 5.0 transmission to Wi-Fi or Ethernet-networked Phantom Gateways.

The sensors size is 47mm x 33mm (1.85in x 1.3in) and are rated IP 69 and contain a replaceable CR2477 coin-cell battery. The sensors are intended for indoor and outdoor locations.

Two models are part of the product series described below:

- EPH-V82 is a high sensitivity sensor with a frequency range from 0.0Hz to 4kHz
- EPH-V83 is a high range sensor with a frequency range from 0.0Hz to 8kHz

SPECIFIC CONDITIONS OF USE: YES as shown below:

- Do not use any other battery than CR2477 (Please refer to maintenance section in the manual).

Annex:

[Annex to IECEx C of C - Cortland_1.pdf](#)



Annex to IECEX Certificate of Conformity

Certificate No:	IECEX ETL 24.0020X	Issue No. 0
Annex No. 1		

Technical Documents			
Title:	Drawing No.:	Rev. Level:	Date:
Bluetooth PCB Schematic	EI-SCH-BT-240923	02	07/05/2025
Accelerometer PCB	EI-SCH-ADX-240923	02	07/05/2025
Battery PCB Schematic	EI-SCH-BH-240923	02	07/05/2025
Phantom Expert Gen 4 Assembly & Manufacturing Instructions	IDELEI-36	001	12 March 2025
Phantom Expert Gen 4 User's Manual	V82.MDU.20260223 / V83.MDU.20260223	00	2026.02.23
Label Specification and Technical Drawing	IDELEI-38	000	02 February 2026

Certificate issued by:

intertek
Total Quality. Assured.

Intertek Testing Services NA, Inc.
3933 Route 11
Cortland, NY 13045, USA

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(19 November 2025)