



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 23.0057X** Page 1 of 4 Certificate history:
Status: **Current** Issue No: 1 [Issue 0 \(2023-08-11\)](#)
Date of Issue: 2025-01-27
Applicant: **Don Electronics Limited**
Westfield Industrial Estate
Kirk Lane
Yeadon
Leeds
LS19 7LX
United Kingdom
Equipment: **VibMil Vibration Transmitter**
Optional accessory:
Type of Protection: **Dust Protection by Enclosure Ex "t"**
Marking: Ex ta IIIC T₂₀₀90°C Da
-40°C ≤ Ta ≤ +50°C
IP66

Approved for issue on behalf of the IECEx
Certification Body:

Stelios Rumbedakis

Position:

Certification Manager

Signature:
(for printed version)

S. Rumbedakis

Date:
(for printed version)

2025-01-27

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 23.0057X**

Page 2 of 4

Date of issue: 2025-01-27

Issue No: 1

Manufacturer: **Don Electronics Limited**
Westfield Industrial Estate
Kirk Lane
Yeadon
Leeds
LS19 7LX
United Kingdom

Manufacturing locations:

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 60079-31:2022](#) Explosive atmospheres – Part 31: Equipment dust ignition protection by enclosure "t"
Edition:3.0

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 Reports:

[GB/CML/ExTR23.0084/00](#)

[GB/CML/ExTR24.0233/00](#)

Quality Assessment Report:

[GB/BAS/QAR07.0005/14](#)



IECEX Certificate of Conformity

Certificate No.: **IECEX CML 23.0057X**

Page 3 of 4

Date of issue: 2025-01-27

Issue No: 1

EQUIPMENT:

Equipment and systems covered by this Certificate are as follows:

VibMil is a loop-powered vibration sensor designed for monitoring vibration levels in industrial environments.

Refer to Certificate Annex for full Product Description.

SPECIFIC CONDITIONS OF USE: YES as shown below:

See Certificate Annex.



IECEX Certificate of Conformity

Certificate No.: **IECEX CML 23.0057X**

Page 4 of 4

Date of issue: 2025-01-27

Issue No: 1

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

This variation introduces the following changes:

1. Change to the name and compound of the silicon sealant AS5600.

Annex:

[IECEX CML 23.0057X - Certificate Annex IECEx Issue 1.pdf](#)

Annexe to: IECEx CML 23.0057X Issue 1
Apparatus: VibMil Vibration Transmitter
Applicant: Don Electronics Limited



Description

VibMil is a loop-powered vibration sensor designed for monitoring vibration levels in industrial environments. VibMil can be powered via the current loop power (between 15 VDC to 26.4 VDC). VibMil represents measured RMS velocity (mm/s) over the industry standard 4-20 mA loop. It is built with a stainless-steel enclosure, making it suitable for continuous vibration monitoring even in harsh environments.

The device also offers an integrated temperature sensor option (NTC/Pt100), providing real-time temperature readings.

Additionally, the device features conduit fitting thread on the housing, offering extra protection for cables in environments where they are prone to environmental damage. VibMil can be mounted to a machine using an adapter that is suitable for the end application fixing.

Conditions of Manufacture

None.

Specific Conditions of Use

The following conditions relate to safe installation and/or use of the equipment.

- i. The supply circuit of the system where the equipment is connected shall be protected by a suitably rated fuse capable of interrupting a prospective short circuit current of 1.5kA.
- ii. The VibMil shall be connected to a suitable external earth via the threaded conduit entry or via the machine on which the sensor is mounted using the female thread.
- iii. The integral flying lead/cable shall be terminated in a suitably certified enclosure or in a safe area.



Certificate Annex IECEx
Version: 10.0 Approval: Approved



Eurofins E&E CML Limited
Newport Business Park, New Port Road
Ellesmere Port, CH65 4LZ, UK