

EX CERTIFICATE – IECEX

vibro-meter®

**IECEX DEK 23.0049X
for
CA30x piezoelectric accelerometers**



Note: Although the Ex certificate may be included in more than one language, the liability of the notified body applies only on the text of the original copy of the certificate that it published.

Document reference IECEX DEK 23.0049X
Edition 1 – January 2025

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IECEx Certificate of Conformity

Certificate No.: **IECEx DEK 23.0049X**

Date of issue: **2024-02-28**

Manufacturer: **MEGGITT SA**
Route de Moncor 4
1752 Villars-sur-Glâne
Switzerland

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 60079-11:2011 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: **NLJDEK/EXT23.0047/00**

Quality Assessment Report: **FR/LC/QAR06.0006/19**



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INTERNATIONAL ELECTROTECHNICAL COMMISSION
IEC Certification System for Explosive Atmospheres
for rules and details of the IECEx Scheme visit www.iecex.com

Certificate No.: **IECEx DEK 23.0049X**

Status: **Current**

Date of issue: **2024-02-28**

Applicant: **MEGGITT SA**
Route de Moncor 4
1752 Villars-sur-Glâne
Switzerland

Equipment: **Accelerometer type 144-30-000-...**

Optional accessory:

Type of Protection: **Ex I**

Marking: **Ex ia IIC T6...510 °C Ga**

Page 1 of 3

Issue No: 0

Certificate history:

Approved for issue on behalf of the IECEx Certification Body:

Position: **R. Schuller**
Certification Manager

Signature: 
(for printed version)

Date: **2024-02-28**
(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:
DEKRA Certification B.V.
Meander 1051
6825 MJ Arnhem
Netherlands



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Edition 1 - January 2025
Page 3 of 4





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Page 3 of 3
Issue No: 0

EQUIPMENT:
Equipment and systems covered by this Certificate are as follows:

Accelerometer Type '144-30-000'... is used for vibration monitoring of the equipment to which it is mounted.
A piezo electrical sensor converts mechanical forces (e.g. vibrations) into an electrical signal that is processed externally.
For more information see Annex 1.

SPECIFIC CONDITIONS OF USE: YES as shown below:
For temperature range see temperature tables in Annex 1.

Annex:
[227823400-Annex.pdf](#)