



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 PRE 18.0027X

Issue No: 0

Certificate history:

[Issue No. 0 \(2018-05-04\)](#)

Status: **Current**

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Date of Issue: **2018-05-04**

Applicant: **Eaton MEDC Ltd.**
Unit B Sutton Parkway, Oddicraft Lane
Sutton in Ashfield, NG175FB
United Kingdom

Equipment: **Camera Station**

Optional accessory:

Type of Protection: **Flameproof**

Marking:

Ex db IIB+H2 T6 Gb, $-20^{\circ}\text{C} \leq \text{Ta} \leq +60^{\circ}\text{C}$, (for variant with/without bushing and terminal box)
Ex db IIB+H2 T5 Gb, $-20^{\circ}\text{C} \leq \text{Ta} \leq +70^{\circ}\text{C}$

*Approved for issue on behalf of the IECEx
Certification Body:*

Ståle Sandstad

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:

DNV GL Nemko Presafe AS
Veritasveien 3
1363 Høvik
Norway





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Manufacturer: **Eaton MEDC Ltd.**
Unit B Sutton Parkway, Oddicroft Lane
Sutton in Shfield, NG175FB
United Kingdom

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 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 Explosive atmospheres - Part 0: General requirements
Edition:6.0

IEC 60079-1 : 2014-06 Explosive atmospheres - Part 1: Equipment protection by flameproof enclosures "d"
Edition:7.0

*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:

[NO/PRE/ExTR18.0029/00](#)

Quality Assessment Report:

[GB/BAS/QAR06.0023/08](#)



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Schedule

EQUIPMENT:

Equipment and systems covered by this certificate are as follows:

XD7 is a camera enclosure with a Lexan plastic dome. Entries into enclosure are via a threaded entry for use with Ex-d cable glands, or via a potted bushing.

When potted bushing is used, the outside of bushing must be protected by a certified Ex-e junction box.

SPECIFIC CONDITIONS OF USE: YES as shown below:

- The parts of potted bushing outside the flameproof enclosure shall be protected with a certified Ex-e junction box.
- The XD7 dome must be installed under a flat horizontal infrastructure with the dome glass facing downwards.
- To prevent potential electrostatic discharge hazards the installation instructions specify to use a wet or damp cloth when cleaning the plastic surface of the dome.
- The dimensions of the flameproof joints are other than the relevant minimum or maximum values required by EN 60079-1:2014, Contact manufacturer for details .