



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 CSAE 23.0002X** Page 1 of 3 [Certificate history:](#)

Status: **Current** Issue No: 0

Date of Issue: 2023-02-16

Applicant: **Imtex Controls Limited**
Unit 4
Tenth Avenue
Deeside Industrial Park
Flintshire CH5 2UA
United Kingdom

Equipment: **AQ - Valve Position Monitor**

Optional accessory:

Type of Protection: **Intrinsically Safe "ia"**

Marking: Ex ia IIC T4/T5/T6 Gb
Ta = See drawing A190424 for temperature class and ambient temperature range depends on the construction of the devices.

Approved for issue on behalf of the IECEx
Certification Body:

Michelle Halliwell

Position:

Director Operations, UK & Industrial Europe

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:

CSA Group Testing UK Ltd
Unit 6, Hawarden Industrial Park
Hawarden, Deeside CH5 3US
United Kingdom





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Manufacturing
locations: **Imtex Controls Limited**
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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/CSAE/ExTR23.0007/00](#)

Quality Assessment Report:

[GB/SIR/QAR09.0002/10](#)



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EQUIPMENT:

Equipment and systems covered by this Certificate are as follows:

The AQ - Valve Position Monitor has a metallic housing with a mechanical shaft fitted with cams and an indicator that is usually fitted to a valve. Contained within the main enclosure is a terminal board and various combinations of voltage-free switches, certified sensors or transmitters (drawing A190424) that are activated by the cams. The indicator that is on underside of the enclosure provides visual indication of the shaft position, which correlates with the valve position. The enclosure may be manufactured from either stainless steel or aluminium and fitted with a standard cover.

SPECIFIC CONDITIONS OF USE: YES as shown below:

1. The user/installer shall ensure that versions of these Valve Monitors that use an enclosure that incorporates light metals are installed in a manner that minimises the risk of impact or friction with other metal surfaces.
2. Parts of these Valve Monitors are made of plastic. By virtue of its shape, design and position of use, it is assessed that this device is not considered to be an electrostatic risk; however, it shall not be installed in a position where it may be subjected to an excessive air/fluid flow or be subjected to rubbing that may cause an electrostatic build-up, it shall also be cleaned with a damp cloth.
3. The user/installer shall install these Valve Monitors taking into account any restrictions or special conditions for safe use that are applicable to the previously certified devices that are fitted in the devices.

Conditions of Manufacture

The Manufacturer shall comply with the following:

1. The products covered by this certificate incorporate previously certified devices, it is therefore the responsibility of the manufacturer to continually monitor the status of the certification associated with these devices, and the manufacturer shall inform CSA of any modifications of the devices that may impinge upon the explosion safety design of their products.
2. The manufacturer shall take all reasonable steps to ensure that the user/installer complies with the special conditions for safe use associated with these Valve Monitors, in addition, the manufacturer shall provide the user/installer with an appropriate copy of the certificate for each certified device that is fitted in the device.
3. The AQ Valve Position Monitor shall only be fitted with devices that that are listed on drawing A190424 Rev G. A maximum of six, identical devices can be fitted, these are either simple switches or equipment-certified sensors.
4. The instructions provided by the manufacturer shall contain certification information that appears on drawing A190424 Rev G; this information shall remain consistent in subsequent issues of the instructions and shall not be changed unless the amendment has been approved by CSA. The manufacturer shall also identify the specific devices that are used in the construction of each AQ Valve Position Monitor.