



# 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](http://www.iecex.com)

Certificate No.: **IECEX SIR 15.0067X** issue No.:0 Certificate history:

Status: **Current**

Date of Issue: **2015-10-13** Page 1 of 4

Applicant: **Imtex Controls Limited**  
Unit 4 Deeside Point  
10th Avenue Zone 3  
Deeside Industrial Park  
Flintshire CH5 2UA  
**United Kingdom**

Electrical Apparatus: **Valve Position Monitor, Type SLR**  
Optional accessory:

Type of Protection: **Intrinsically Safe Gas and Dust**

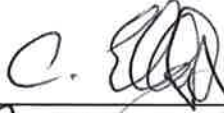
Marking: Ex ia IIC T\* Gb  
Ex ia IIIC T\*°C Db  
Ta = -\*\*°C to +\*\*°C  
The temperature class, maximum surface temperatures for dust and ambient temperature range that is appropriate depends on devices used in the construction of the SLR Valve Position Monitor, refer to Condition of Manufacture.

Approved for issue on behalf of the IECEx Certification Body: C Ellaby

Position: Deputy Certification Manager

Signature:  
(for printed version)

Date:

  
\_\_\_\_\_  
2015-10-13  
\_\_\_\_\_

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](http://www.iecex.com).

Certificate issued by:

**SIRA Certification Service**  
CSA Group  
Unit 6, Hawarden Industrial Park  
Hawarden  
Deeside  
CH5 3US  
United Kingdom

**sira**  
CERTIFICATION





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Manufacturer: **Imtex Controls Limited**  
Unit 4 Deeside Point  
10th Avenue Zone 3  
Deeside Industrial Park  
Flintshire CH5 2UA  
**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 electrical 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 60079-11 : 2011** Explosive atmospheres - Part 11: Equipment protection by intrinsic safety "i"

Edition: 6.0

*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:

GB/SIR/ExTR15.0271/00

##### Quality Assessment Report:

GB/SIR/QAR09.0002/04



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## Schedule

### EQUIPMENT:

*Equipment and systems covered by this certificate are as follows:*

The Type SLR Valve position monitor consists of a plastic enclosure made up of a body and a lid. The lid is transparent, permitting visual indication of the valve position. There are threaded entries to allow the installation of up to two cable glands. Two rotating cams activate internal devices. These are either a single transmitter or up to two switch devices that sense the status of the valve position. An intrinsically safe, infallibly separated source supplies each device.

### CONDITIONS OF CERTIFICATION: YES as shown below:

1. Under certain extreme circumstances, exposed plastic and unearthed metal parts of the enclosure may store an ignition-capable level of electrostatic charge. Therefore, the user/installer shall implement precautions to prevent the build-up of electrostatic charge, e.g. locate the equipment where a charge-generating mechanism (such as wind-blown dust) is unlikely to be present and clean with a damp cloth.
2. For installation purposes, each switch or sensor shall be considered as a separate intrinsically safe circuit.
3. The user/installer shall install the SLR Valve Position Monitor taking into account any restrictions or special conditions for safe use that are applicable to the previously certified devices that are that are used in the construction of the Monitor, as defined in the manufacturer's instructions.



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## EQUIPMENT(continued):

### Conditions of manufacture

The Manufacturer shall comply with the following:

1. The SLR Valve Position Monitor incorporates previously-certified devices. It is therefore the responsibility of the manufacturer to continually monitor the status of the certification associated with these devices. The manufacturer shall inform Sira of any modifications to the devices that may impinge upon the explosion safety design of the Valve Position Monitor, Type SLR.
2. The SLR Valve Position Monitor shall only be fitted with devices that are listed on drawing A190325 Rev F. A maximum of two, identical devices can be fitted, these are either simple switches or equipment-certified sensors.
3. The manufacturer shall mark each SLR Valve Position Monitor with the temperature class, maximum surface temperature for dust, ambient temperature range and entity parameters that are applicable to the devices that are used in its construction.
4. The instructions provided by the manufacturer shall contain all the information that appears on drawing A190325 Rev F; this information shall remain consistent in subsequent issues of the instructions and shall not be changed unless the amendment has been approved by CSA Sira. The manufacturer shall also identify the specific devices that are used in the construction of each SLR Valve Position Monitor.