



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 SIR 14.0041X** issue No.:0 Certificate history: [View](#)

Status: **Current**

Date of Issue: **2014-07-21** Page 1 of 3

Applicant: **Flowserve US Inc.**
Flowserve Springville Operations
Springville,
84663 Utah
United States of America

Electrical Apparatus: **Logix® Low Profile Remote Mount**
Optional accessory:


Type of Protection: **Flameproof and Dust Protection by Enclosure**

Marking: **Ex d IIB+H₂ T5 Gb**
Ex tb IIIC T95°C Db
Ta = -55°C to +85°C
IP68

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

Position: **Deputy Certification Manager**

Signature:
(for printed version)



2014-07-21

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:

SIRA Certification Service
Rake Lane
Eccleston
Chester
CH4 9JN
United Kingdom

sira
CERTIFICATION





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Certificate No.: IECEx SIR 14.0041X

Date of Issue: 2014-05-08

Issue No.: 0

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Manufacturer: **Flowserve US Inc.**
Flowserve Springville Operations
Springville,
84663 Utah
United States of America

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 Edition: 6.0	Explosive atmospheres - Part 0: General requirements
IEC 60079-1 : 2007-04 Edition: 6	Explosive atmospheres - Part 1: Equipment protection by flameproof enclosures "d"
IEC 60079-31 : 2008 Edition: 1	Explosive atmospheres – Part 31: Equipment dust ignition protection by enclosure 't'

*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/ExTR14.0178/00](#)

Quality Assessment Report:

[GB/SIR/QAR07.0005/04](#)



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Schedule

EQUIPMENT:

Equipment and systems covered by this certificate are as follows:

The Logix® Low Profile Remote Mount is designed to control a variety of pneumatic actuators and is intended to be installed with the Logix® 3000 Series Digital Positioner. It is used where the positioner may be inaccessible when mounted to the valve/actuator package or when vibration or other operating factors may exceed the Logix® positioner recommended operating conditions. The position feedback from the actuator is provided to the remote mount by means of a rotary shaft. The output from the Logix® Low Profile Remote Mount is a two wire, current signal to the Logix® 3000 Series Digital Positioner.

The equipment consists of a two part, cylindrical, flameproof enclosure which may be cast from aluminium or stainless steel. Internal components include a terminal block and a potentiometer which operate at a maximum voltage and current of 1.25 volts and 0.025 mA.

CONDITIONS OF CERTIFICATION: YES as shown below:

1. The user shall ensure that the shaft exiting the enclosure is adequately protected from potential impact risks during installation and service.
2. The equipment has a maximum constructional gap (ic) and joint width (L) other than the relevant maximum/minimum required by table 2 of IEC 60079-1; user shall therefore contact the manufacturer for information on the dimensions of the flame proof joints.