



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 FMG 13.0038X Issue No: 1 Certificate history:
Status: **Current** Page 1 of 4 [Issue No. 1 \(2014-05-22\)](#)
Date of Issue: **2014-05-22** [Issue No. 0 \(2013-12-18\)](#)

Applicant: **Flowsolve US Inc.**
1350 North Mountain Springs Parkway,
Springville UT 84663
United States of America
United States of America

Electrical Apparatus: **Logix 420 Digital Positioner**
Optional accessory:

Type of Protection: **Flameproof Ex d**

Marking:
Ex d IIB+H2 T4 Ta= -52C to +85C, T6 Ta= -52C to +45C Gb, IP66

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

J.E. Marquedant

Position:

Manager, Electrical Systems

*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:

FM Approvals LLC
1151 Boston-Providence Turnpike
Norwood, MA 02062
United States of America





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Manufacturer: **Flowserve US Inc.**
1350 North Mountain Springs Parkway,
Springville UT 84663
United States of America
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 Explosive atmospheres - Part 0: General requirements
Edition:6.0

IEC 60079-1 : 2007-04 Explosive atmospheres - Part 1: Equipment protection by flameproof enclosures "d"
Edition:6

*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:

[US/FMG/ExTR13.0038/00](#) [US/FMG/ExTR13.0038/01](#)

Quality Assessment Report:

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



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Schedule

EQUIPMENT:

Equipment and systems covered by this certificate are as follows:

Logix 42040bcdef. Digital Positioner

b=General options: W, N

c= Threaded connections: 1, or 2

d= Feedback Shaft: D or R

e= Gauges: 0, 1, 2, 3, 4, A, or B

f= Display: 0, 1, or 2

CONDITIONS OF CERTIFICATION: YES as shown below:

1. To avoid possibility of static discharge, clean only with a damp cloth.
2. Contact Flowserve for flamepath information.



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DETAILS OF CERTIFICATE CHANGES (for issues 1 and above):

Update documentation