



# 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 FMG 05.0003X Issue No: 4 Certificate history:  
Status: **Current** Page 1 of 4 [Issue No. 4 \(2014-12-23\)](#)  
Date of Issue: **2014-12-23** [Issue No. 3 \(2014-02-11\)](#)  
[Issue No. 2 \(2012-01-18\)](#)  
[Issue No. 1 \(2010-07-06\)](#)  
[Issue No. 0 \(2006-03-17\)](#)  
Applicant: **Flowserve US Inc.**  
1350 North Mountain Springs Parkway  
Springville, Utah 84663  
**United States of America**  
Electrical Apparatus: **Logix 3200 Digital Positioner**  
*Optional accessory:*  
Type of Protection: **Intrinsically safe "ia" and "iaD"**  
Marking: Ex ia IIC T4 Ta = -52°C to 85°C T5 Ta = -52°C to 55°C Ex iaD 20 T95°C Ta = -52°C to 80°C

Approved for issue on behalf of the IECEx  
Certification Body:

James E. Marquedant

Position:

Maanger, 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, Utah 84663  
**United States of America**

Additional Manufacturing  
location(s):

**Flowserve Corporation**  
1350 North Mountain Springs Parkway  
Springville, Utah 84663  
United States of America

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:

<b>IEC 60079-0 : 2004</b> Edition:4.0	Electrical apparatus for explosive gas atmospheres - Part 0: General requirements
<b>IEC 60079-11 : 1999</b> Edition:4	Electrical apparatus for explosive gas atmospheres - Part 11: Intrinsic safety 'i'
<b>IEC 60079-26 : 2006</b> Edition:2	Explosive atmospheres - Part 26: Equipment with equipment protection level (EPL) Ga
<b>IEC 61241-0 : 2004</b> Edition:1	Electrical apparatus for use in the presence of combustible dust - Part 0: General requirements
<b>IEC 61241-11 : 2005</b> Edition:1	Electrical apparatus for use in the presence of combustible dusts - Part 11: Protection by intrinsic safety 'iD'

*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/ExTR06.0007/01](#)  
[US/FMG/ExTR06.0007/04](#)

[US/FMG/ExTR06.0007/02](#)

[US/FMG/ExTR06.0007/03](#)

#### Quality Assessment Report:

[GB/SIR/QAR06.0016/00](#)



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## Schedule

### EQUIPMENT:

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

Logix 32abcc-d-ef40ghi a = Diagnostics: 0 or 1  
b = Enclosure material and finish: 0, 1, 2, 3, 4 or 5

cc = Software: IQ or MD

d = Certification: 21 or 33

e = Shaft: D6 or N6

f = Conduit connection: E or M

g = Action: 03, 04, 3V or 4V

h = Gauges: OG, OS, KG, KS or OU

i = Special options: OF or OO

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

Lenses of pressure gauges are to be cleaned only with a damp cloth.



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

Minor mechanical and manufacturing updates not affecting compliance.