



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 16.0007X Issue No: 0 Certificate history:
Issue No. 0 (2016-05-20)

Status: **Current** Page 1 of 3

Date of Issue: **2016-05-20**

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

Electrical Apparatus: **Logix 3200MD+ Digital Valve Positioner**
Optional accessory:

Type of Protection: **Flameproof Ex d , Dust ignitionproof Ex tb**

Marking:
Ex db IIB +H2 T4/T6 Gb, T4 Ta = -52°C to 80°C, T6 Ta = -52°C to 45°C
Ex tb IIIC T95C Db Ta = -52°C to 55°C

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

Certificate issued by:

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





IECEX Certificate of Conformity

Certificate No: IECEx FMG 16.0007X Issue No: 0
Date of Issue: 2016-05-20 Page 2 of 3
Manufacturer: **Flowsolve US Inc.**
1350 North Mountain Springs Parkway, Springville UT 84663
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 : 2014-06 Edition:7.0	Explosive atmospheres - Part 1: Equipment protection by flameproof enclosures "d"
IEC 60079-31 : 2013 Edition:2	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:

[US/FMG/ExTR16.0008/00](#)

Quality Assessment Report:

[GB/FME/QAR16.0006/00](#)



IECEx Certificate of Conformity

Certificate No: IECEx FMG 16.0007X

Issue No: 0

Date of Issue: 2016-05-20

Page 3 of 3

Schedule

EQUIPMENT:

Equipment and systems covered by this certificate are as follows:

32aaMD+bcde0fghi, Digital Valve Positioner .

aa = Diagnostics: 00 (Standard Diagnostics), 10 (Advanced w/ Pressure Sensor) or 20 (Pro Diagnostics w/ pressure sensing and Full ValveSight Diagnostics)

b = Certification: 28 (ATEX/IEC).

c = Housing: W (Aluminum, White Paint), S (Stainless Steel, No Paint), B (Aluminum, Black Paint, Automax), A (Aluminum, Black Paint, Accord).

d = Conduit Connections: 1 (NPT), 2 (Metric).

e = Feedback shaft: V (DD-316 Stainless Steel Shaft), R (NAMUR-316 Stainless Steel Shaft), D (316 Stainless Steel Shaft, 3rd party actuators).

f = Action: 1 (Four-way), 2 (Three-way), 3 (Three-way Purge), 4 (Four-way Vented), 5 (Three-way Vented).

g = Pressure Gauges: 0 (No gauge), 1 (SS with Brass Internals, bar/kPa), 2 (SS with SS internals, bar/kPa), 3 (SS with Brass Internals, kg/cm²), 4 (SS with SS internals, kg/cm²), A (UCC Press Test Plug), B (Valve, Tank).

h = Auxiliary Card Slot: 0 (no card), 1 (Multi-function Card)

i = Remote Mount: 0 (No Remote Mount Feedback), 1 (Aluminum Remote Mount Feedback), S (SS Remote Mount Feedback).

CONDITIONS OF CERTIFICATION: YES as shown below:

1. The flamepaths of the equipment are not intended to be repaired. Consult the manufacturer if repair of the flamepath joints is necessary.
2. Refer to the manufacturer's instructions to reduce the potential of an electrostatic charging hazard on the equipment enclosure.
3. Using the box provided on the nameplate, the User shall permanently mark the type of protection chosen for the specific installation. Once the type of protection has been marked it shall not be changed.