



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 06.0002X

Issue No: 6

Certificate history:

Status: **Current**

Issue No. 6 (2019-04-19)

Issue No. 5 (2018-10-23)

Date of Issue: **2019-04-19**

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Issue No. 4 (2018-08-24)

Issue No. 3 (2012-12-13)

Applicant: **Westlock Controls Corp.**
280 N. Midland Ave, Suite 258
Saddle Brook, NJ 07663.
United States of America

Issue No. 2 (2012-12-05)

Issue No. 1 (2006-04-06)

Equipment: **ICoT Valve Positioner**

Optional accessory:

Type of Protection: **Intrinsic Safe, Ex ia**

Marking:
Ex ia IIC T4 (Tamb = -40°C to +80°C)

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

J. E. Marquedant

Position:

VP, 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





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Manufacturer: **Westlock Controls Corp.**
280 N. Midland Ave, Suite 258
Saddle Brook, NJ 07663.
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 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:

US/FMG/ExTR06.0010/00 US/FMG/ExTR06.0010/01 US/FMG/ExTR06.0010/02
US/FMG/ExTR06.0010/03 US/FMG/ExTR06.0010/04

Quality Assessment Report:

US/FMG/QAR08.0002/08



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Schedule

EQUIPMENT:

Equipment and systems covered by this certificate are as follows:

5abc IS E efg hij. Valve Positioner.

a = Series 2, 3.

b = Actuator types 1, 3

c = Mounting 0, 5.

e = Pressures H, L, V.

f = Calibration/Communication K, H, B.

g = Conduit entries A, B.

i = Output options A, B.

j = Gains B, N.

Entity Parameters:

Inputs (+) and (-): VMax = 30 V, IMax = 100 mA, PMax = 0.75 W, Ci = 0, Li = 0.

Outputs 5 and 6: VMax = 30 V, IMax = 100 mA, PMax = 0.75 W, Ci = 0, Li = 0.

Auxiliary Outputs 3 and 4: VMax = 30 V, IMax = 200 mA, PMax = 1.5 W, Ci = 0, Li = 0.

Auxiliary Outputs 1 and 2: VMax = 30 V, IMax = 200 mA, PMax = 1.5 W, Ci = 0, Li = 0.

ICOT 54ab IS ECKdefg. Valve Positioner.

a = Actuator types 1, 3.

b = Mounting 0, 5.

c = Pressures H, L.

d = Conduit entries A, B.

e = Switches 0, 1, 2.

f = Output options A, B.

g = Connection (pneumatic) B, N.

Entity Parameters: VMax = 30 V, IMax = 100 mA, PMax = 0.75 W, Ci = 120 pF, Li = 0.

FISCO Parameters: VMax = 17.5 V, IMax = 380 mA, PMax = 5.32 W, Ci = 5 nF, Li = 10µH.

SPECIFIC CONDITIONS OF USE: YES as shown below:

The powder coated surface of the ICOT Series Valve Positioner may store electrostatic charge and become a source of ignition in applications with a low relative humidity <~30% relative humidity where the painted surface is relatively free of surface contamination such as dirt, dust, or oil. Cleaning of the painted surface should only be done with a damp cloth.



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