



IECEX Certificate of Conformity

INTERNATIONAL ELECTROTECHNICAL COMMISSION IEC Certification System for Explosive Atmospheres

for rules and details of the IECEx Scheme visit www.iecex.com

Certificate No.:	IECEX FMG 06.0002X	Page 1 of 4	<u>Certificate history:</u>
Status:	Current	Issue No: 9	Issue 8 (2023-01-13)
Date of Issue:	2023-09-13		Issue 7 (2022-08-30)
Applicant:	Westlock Controls Corp. 280 N. Midland Ave, Suite 258 Saddle Brook, NJ 07663. United States of America		Issue 6 (2019-04-19)
Equipment:	ICoT Valve Positioner		Issue 5 (2018-10-23)
Optional accessory:			Issue 4 (2018-08-24)
Type of Protection:	Intrinsic Safe, Ex ia		Issue 3 (2012-12-13)
Marking:	Ex ia IIC T4 Ga (Tamb = -40°C to +80°C)		Issue 2 (2012-12-05)
			Issue 1 (2006-04-06)

Approved for issue on behalf of the IECEx
Certification Body:

J. E. Marquedant

Position:

VP, Manager - Electrical Systems

Signature:
(for printed version)

Date:
(for printed version)

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 www.iecex.com or use of this QR Code.



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

Manufacturing locations:

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 equipment 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 60079-0:2017](#) Explosive atmospheres - Part 0: Equipment - General requirements
Edition:7.0

[IEC 60079-11:2011](#) Explosive atmospheres - Part 11: Equipment protection by intrinsic safety "i"
Edition:6.0

This Certificate **does not** indicate compliance with 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 Reports:

[US/FMG/ExTR06.0010/00](#)
[US/FMG/ExTR06.0010/03](#)
[US/FMG/ExTR06.0010/06](#)

[US/FMG/ExTR06.0010/01](#)
[US/FMG/ExTR06.0010/04](#)
[US/FMG/ExTR06.0010/07](#)

[US/FMG/ExTR06.0010/02](#)
[US/FMG/ExTR06.0010/05](#)

Quality Assessment Report:

[US/FMG/QAR08.0002/12](#)



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EQUIPMENT:

Equipment and systems covered by this Certificate are as follows:

ICOT 5abc AI E defghi. Valve Positioner.

ICOT 5abc IS Edef0gh. Valve Positioner.

See Attachment for Model code description and Energy Limitation Parameters.

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)

Addition of UKEX certification.

Annex:

[Annex-IECEX-FMG-06-0002X.pdf](#)

ICOT 5 a b c A I E d e f 0 g h. Valve Positioner.

- a = Base Model: 2, 3.
- b = Actuator Types: 1, 3
- c = Mounting Style: 0, 5, 7, 8.
- d = Supply Pressures H, L, V.
- e = Calibration/Communication B, K.
- f = Conduit entries A, B.
- g = Position Transmitter Output: A, B.
- h = Pneumatic Connection: B, F, N.

Energy Limitation Parameters:

Inputs (+) and (-): V_{Max} = 30 V, I_{Max} = 100 mA, P_{Max} = 0.75 W, C_i = 0, L_i = 17.25μH
Outputs 5 and 6: V_{Max} = 30 V, I_{Max} = 100 mA, P_{Max} = 0.75 W, C_i = 0, L_i = 17.25μH

ICOT 5 a b c A I E d e f 0 g h. Valve Positioner.

- a = Base Model: 4, 5.
- b = Actuator Types: 1, 3.
- c = Mounting Style: 0, 5, 7, 8.
- d = Supply Pressures H, L, V.
- e = Calibration/Communication: 4, P.
- f = Conduit Entries A, B.
- g = Position Transmitter Output: A.
- h = Pneumatic Connection: B, F, N.

Energy Limitation Parameters:

V_{Max} = 30 V, I_{Max} = 100 mA, P_{Max} = 0.75 W, C_i = 120 pF, L_i = 0
FISCO Parameters: V_{Max} = 17.5 V, I_{Max} = 380 mA, P_{Max} = 5.32 W, C_i = 5 nF, L_i = 10μH