



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

Certificate No.:	<b>IECEX CML 20.0050X</b>	Page 1 of 5	<u>Certificate history:</u>
Status:	<b>Current</b>	Issue No: 6	Issue 5 (2024-03-25)
Date of Issue:	2024-11-01		Issue 4 (2023-06-16)
Applicant:	<b>Rotork Controls Ltd.</b> Brassmill Lane Bath BA1 3JQ <b>United Kingdom</b>		Issue 3 (2022-10-18)
Equipment:	<b>IQ Range of Electric Valve Actuators</b>		Issue 2 (2021-11-21)
Optional accessory:			Issue 1 (2021-01-28)
Type of Protection:	<b>Flameproof "db", Increased Safety "eb", Dust Ignition "tb", Non-Electrical "h"</b>		
Marking:	Ex db h IIB T4 Gb Ex h tb IIIC T120°C Db IP66/IP68 OR (when Ex e terminal facility is required) Ex db eb h IIB T4 Gb Ex h tb IIIC T120°C Db IP66/IP68 T <sub>a</sub> marking options: -20°C to +70°C -30°C to +70°C -40°C to +70°C -50°C to +40°C		

Approved for issue on behalf of the IECEx  
Certification Body:

**D R Stubbings**

Position:

**Technical Consultant**

Signature:  
(for printed version)

Date:  
(for printed version)

01 Nov 2024

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](http://www.iecex.com) or use of this QR Code.



Certificate issued by:

**Eurofins E&E CML Limited**  
Unit 1, Newport Business Park  
New Port Road  
Ellesmere Port, CH65 4LZ  
**United Kingdom**





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Date of issue: 2024-11-01

Issue No: 6

Manufacturer: **Rotork Controls Ltd.**  
Brassmill Lane  
Bath  
BA1 3JQ  
**United Kingdom**

Manufacturing locations: **Rotork Controls Ltd.**  
Brassmill Lane  
Bath  
BA1 3JQ  
**United Kingdom**

**Rotork Controls, Inc.**  
675 Mile Crossing Blvd  
Rochester  
NY 14624  
**United States of America**

**Rotork Controls (India) Pvt Ltd**  
28B, Ambattur Industrial Estate (North)  
TN Chennai-600 098  
India  
**India**

### See following pages for more 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 60079-1:2014](#) Explosive atmospheres - Part 1: Equipment protection by flameproof enclosures "d"  
Edition:7.0

[IEC 60079-31:2013](#) Explosive atmospheres - Part 31: Equipment dust ignition protection by enclosure "t"  
Edition:2

[IEC 60079-7:2017](#) Explosive atmospheres - Part 7: Equipment protection by increased safety "e"  
Edition:5.1

[ISO 80079-36:2016](#) Explosive atmospheres - Part 36: Non-electrical equipment for explosive atmospheres - Basic methods and requirements  
Edition:1.0

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:

[GB/CML/ExTR20.0061/00](#)  
[GB/CML/ExTR23.0127/00](#)

[GB/CML/ExTR20.0218/00](#)  
[GB/CML/ExTR23.0298/00](#)

[GB/CML/ExTR21.0281/00](#)  
[GB/CML/ExTR24.0207/00](#)

#### Quality Assessment Reports:

[GB/CML/QAR19.0012/03](#)  
[NL/CNEX/QAR24.0009/00](#)

[GB/CML/QAR19.0019/02](#)  
[US/UL/QAR21.0007/03](#)

[GB/CML/QAR19.0023/02](#)



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**EQUIPMENT:**

Equipment and systems covered by this Certificate are as follows:

The IQ Range of Electric Valve Actuators comprise of an oil-filled worm gearcase with a rotating shaft and drive bush, an external handwheel and de-clutch mechanism. Attached to the gearcase is a motor enclosure, an electrical control enclosure and a terminal enclosure. All electrical enclosures are designed to satisfy the requirements for flameproof equipment.

**Refer to Certificate Annex for full description and Conditions of Manufacture.**

**SPECIFIC CONDITIONS OF USE: YES as shown below:**

Refer to Annex for specific conditions of use.



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

### Issue 1

This issue introduced the following changes:

1. The addition of alternative radio modules to the existing WT12 Bluetooth module.
2. A software update to permit the end-user to communicate with the actuator via a mobile device 'App'.
3. The introduction of an optional large contactor for the IQ35 model.
4. The optional addition of a metal-clad resistor that is intended to assist with the prevention of internal condensation build-up
5. The addition of a manufacturing location, Rotork Controls (India) Pvt Ltd.

### Issue 2

This issue introduced the following changes:

1. To recognise a change to the name of the manufacturer of a material of construction.
2. To permit the up-issuing of certification drawings in order to align drawing versions across corresponding ATEX, UKEX and IECEX certificates.
3. To assess and permit the addition of an alternative part for retention of the piezo assembly on IQ3 actuators.
4. To recognize an editorial change to drawings AD1399 and AD1414 regarding Ex e ring tags.

### Issue 3

This issue introduced the following change:

1. Addition of new QAR to the certificate.

### Issue 4

This issue introduced the following change:

1. An alternative Bluetooth module, BT122 has been added to these equipment's in addition to the existing BT121, BT860 and WT12 Bluetooth modules.

### Issue 5

This issue introduced the following change:

1. Addition of the option to include 2, either RJ45 or M12 type ethernet connections modules within the actuators terminal housing

### Issue 6

This issue introduced the following change:

1. Update to Manufacturing Locations.



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Additional manufacturing locations:

**Rotork Flow Technology (Suzhou) Co. , Ltd.**  
Building A, No. 88, Yinhe Road, Southeast  
Street, Changshu  
Jiangsu 215558  
**China**

**Annex:**

[Certificate Annex IECEx CML 20.0050X Iss 6.pdf](#)