



# 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 EPS 14.0053X</b>	Page 1 of 4	<u>Certificate history:</u>
Status:	<b>Current</b>	Issue No: 3	Issue 2 (2019-02-01)
Date of Issue:	2023-05-24		Issue 1 (2016-10-21)
Applicant:	<b>Rotork YTC Limited</b> 81, Hwanggeum-ro 89 beon-gil, Yangchon-eup Gimpo-si, Gyeonggi-do <b>Korea, Republic of</b>		Issue 0 (2014-07-25)
Equipment:	<b>Limit Switch Box Type YT-870M, YT-875M, YT-870P, YT-875P, YT-870D, YT-875D</b>		
Optional accessory:			
Type of Protection:	<b>"db", "tb"</b>		
Marking:	Ex db IIC T6 Gb Ex tb IIIC T85°C Db		

Approved for issue on behalf of the IECEX  
Certification Body:

Position:

Signature:  
(for printed version)

Date:  
(for printed version)

Ulrich Feike

Head of Certification

2023-05-24



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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:

**Bureau Veritas Consumer Products Services Germany GmbH**  
Businesspark A96  
86842 Türkheim  
Germany





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Page 2 of 4

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Manufacturer: **Rotork YTC Limited**  
81, Hwanggeum-ro 89 beon-gil, Yangchon-eup  
Gimpo-si, Gyeonggi-do  
**Korea, Republic of**

Manufacturing locations: **Rotork YTC Limited**  
81, Hwanggeum-ro 89 beon-gil,  
Yangchon-eup  
Gimpo-si, Gyeonggi-do  
**Korea, Republic of**

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 60079-1:2014-06** Explosive atmospheres - Part 1: Equipment protection by flameproof enclosures "d"  
Edition:7.0

**IEC 60079-31:2022-01** Explosive atmospheres – Part 31: Equipment dust ignition protection by enclosure "t"  
Edition:3.0

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 Report:

DE/EPS/ExTR13.0012/03

Quality Assessment Report:

DE/EPS/QAR11.0002/12



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Certificate No.: **IECEX EPS 14.0053X**

Page 3 of 4

Date of issue: 2023-05-24

Issue No: 3

## **EQUIPMENT:**

Equipment and systems covered by this Certificate are as follows:

YT-870, YT875 series is a limit switch box which monitors and transmits the valve position to the controller or control center.

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

The apparatus can be used in a temperature range between -20 °C and +60 °C.

Repairs of the flameproof joints must be made in compliance with the structural specifications provided by the manufacturer. Repairs must not be made on the basis of values specified in tables 2 and 3 of IEC 60079-1.



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Certificate No.: **IECEX EPS 14.0053X**

Page 4 of 4

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**DETAILS OF CERTIFICATE CHANGES (for issues 1 and above)**  
Raising to the actual standard.