



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 EUT 25.0021X	Page 1 of 3	<u>Certificate history:</u>
Status:	Current	Issue No: 0	
Date of Issue:	2026-09-15		
Applicant:	Rotork Fluid SystemsS.r.l. Via Padre Jacques Hamel 138 B Porcari (LU) 55016 Italy		
Equipment:	Pneumatic and Hydraulic Actuators		
Optional accessory:	N/A		
Type of Protection:	Non electrical equipment		
Marking:	Ex h IIC T5 Gb Ex h IIIC T100°C Db		

Approved for issue on behalf of the IECEx
Certification Body:

Dionisio Bucchieri

Position:

Head of IECEx Certification Body

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:

Eurofins Product Testing Italy S.r.l.
Via Cuorgnè
n.21 - 10156 Torino
Italy

 **eurofins** | Product Testing



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Manufacturer: **Rotork Fluid Systems S.r.l.**
Via Padre Jacques Hamel 138 B
Porcari (LU) 55016
Italy

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

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

ISO 80079-37:2016 Explosive atmospheres - Part 37: Non-electrical equipment for explosive atmospheres - Non electrical type of protection constructional safety "c", control of ignition source "b", liquid immersion "k"
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 Report:

IT/EUT/ExTR25.0021/00

Quality Assessment Report:

DE/EPS/QAR24.0009/00



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EQUIPMENT:

Equipment and systems covered by this Certificate are as follows:

1. CP/S compact pneumatic scotch yoke actuator single-acting (with spring).
2. CP/D compact pneumatic scotch yoke actuator double-acting.
3. RH/S hydraulic rack pinion actuator single-acting (with spring).
4. RH/D hydraulic rack pinion actuator double-acting.
5. LP/SU(D) pneumatic linear actuator single-acting (spring up (SU) or spring down (SD)).
6. LP/D pneumatic linear actuator double-acting.
7. LH/SU(D) hydraulic linear actuator single-acting (spring up (SU) or spring down (SD)).
8. LH/D hydraulic linear actuator double-acting.

Description:

Rotork CP, RH, LP and LH actuator series comprise pneumatic and hydraulic actuators intended for the automation of industrial valves. CP and RH series are rotary actuators for quarter-turn valve operation, while LP and LH series are linear actuators for gate and globe valves. Depending on the model, motion is converted by means of Scotch Yoke or Rack and Pinion mechanisms or transmitted directly to the valve stem in linear configurations. The actuator range includes both single-acting versions with spring return and double-acting versions operated by fluid pressure in both directions.

All models are designed for heavy-duty industrial environments, are suitable for installation in potentially explosive atmospheres, and are tested according to applicable international standards for performance, safety and functional reliability.

All the electrical equipment of the systems are out of the scope of this certificate

SPECIFIC CONDITIONS OF USE: YES as shown below:

-The actuator's temperature class depends on the ambient temperature, the valve process fluid temperature and the actuating fluid temperature. The user must assure that both fluid temperatures shall be not greater than the maximum ambient temperature.

-The end user must assure the correct bonding between the valve and the actuator. Specific bonding instruction is detailed in installation, commissioning and maintenance manual,

-The actuator shall not be operated more than one complete cycle per hour.