Certificate No: LR25352659MR
Issue Date: 07/11/2025
Expiry Date: 27/02/2027

European Union Recognised Organisation (EU RO) Mutual Recognition Type Approval Certificate in accordance with Article 10.1 of EU Regulation 391/2009.

This is to certify to the Manufacturer named below, that the Product referred to herein has been inspected for the Manufacturer, pursuant to the relevant requirements of the European Union Recognised Organisation Mutual Recognition procedure, required by Article 10.1 of EU Regulation 391/2009, and has been found in accordance with those requirements. The most demanding and rigorous standard from all EU ROs has been taken as a reference for the development of the Technical Requirement on which present certificate is based.

This certificate is issued to:

Manufacturer	**Rotork Controls Ltd**
Address	Rotork House, Brassmill Lane, Bath, BA1 3JQ, United Kingdom
Place of Production	Rotork Flow Technology (Suzhou) Co. Ltd Building A, No. 88, Yinhe Road, Southeast Street, Changshu, Jiangsu, 215558, China
Product Type	Actuators
Description	Multi-turn Electric Actuators
Trade Name	IQ3
Application	Marine/Offshore
Specified Standard	EU MR Technical Requirements for Electrical Actuator for Valves, Version 0.2 dated April 2016

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Matt Higgins

Electrical & Control - Senior Specialist to
Lloyd's Register EMEA
A member of the Lloyd's Register group

71 Fenchurch Street, London, EC3M 4BS, United Kingdom

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Ratings	Voltage Supply (VAC) 200,208,220,230,240,380,400,415,440,460,480,500,550,575,590,600,660,690 Frequency (Hz): 50/60
Additional Tests	Enclosure Protection: IP66 & IP68, complete device Hazardous Areas: ATEX II 2GD Ex db h IIB T4 Gb (-20°C to +70°C) ATEX II 2GD Ex db h IIC T4 Gb (-20°C to +70°C) ATEX II 2GB Ex h tb IIIC T120°C T4 Db ATEX II 2GD Ex db eb h IIB T4 Gb (-20°C to +70°C) ATEX II 2GD Ex db eb h IIC T4 Gb (-20°C to +70°C) ATEX II 2GD Ex h tb III C T120°C Db
Special Conditions	This equipment shall be positioned such that risk of impact to the window is low This equipment included some external non-metallic parts, including the outer protective coating. Cleaning shall only be carried out with a damp cloth For the critical dimensions of the flame paths see section 14 of CML 19ATEX1190X issue 9 & 19ATEX1191X issue 9

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This certificate is not valid for equipment, the design, ratings or operating parameters of which have been varied from the specimen tested. The manufacturer should notify Lloyd's Register EMEA of any modification or changes to the equipment in order to obtain a valid Certificate.

The Design Appraisal Document No. LR2282765MR-03 and its supplementary Type Approval Terms and Conditions form part of this Certificate.

All other details remain as the previous Certificate No. 16/00066,LR2282765MR,LR2282765MR-01,LR2282765MR-02 to which this extension should be attached.

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When a product is presented with this EU RO MR Type Approval Certificate for given application, its acceptability with regards to the limitations stated in the certificate conditions defined in 1b, 1c and 1d of the applied Technical Requirement will be evaluated by the EU RO in charge of classing the ship or being in charge of the unit/system certification.

In accordance with Article 10 of Regulation (EC) No 391/2009 of the European Parliament and of the Council of 23 April 2009 "on common rules and standards for ship inspection and survey organizations", the following organizations, recognized by the EU on this date, have agreed on the technical and procedural conditions under which they will mutually recognize this certificate:

- *American Bureau of Shipping (ABS);*
- *Bureau Veritas (BV);*
- *China Classification Society (CCS);*
- *Croatian Register of Shipping (CRS);*
- *DNV GL;*
- *Indian Register of Shipping (IRS);*
- *Korean Register (KR);*
- *Lloyd's Register Group Ltd. (LR);*
- *Nippon Kaiji Kyokai General Incorporated Foundation (ClassNK);*
- *Polish Register of Shipping (PRS);*
- *RINA Services S.p.A. (RINA).*

The scheme for the mutual recognition of class certificates for materials, equipment and components laid down by Article 10(1) of Regulation (EC) No 391/2009 is only enforceable within the Union in respect of ships flying the flag of a Member State. As far as foreign vessels are concerned, the acceptance of relevant certificates remains at the discretion of relevant non-EU flag States in the exercise of their exclusive jurisdiction, notably under the United Nations Convention on the Law of the Sea (UNCLOS). (In accordance with COMMISSION IMPLEMENTING REGULATION (EU) No 1355/2014 amending Regulation (EC) No 391/2009 - recital (25)).

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