

## Type Approval Certificate

This is to certify that the undernoted product(s) has/have been tested with satisfactory results in accordance with the relevant requirements of the Lloyd's Register Type Approval System.

<b>Manufacturer</b>	<b>Rotork Controls Ltd</b>
<b>Address</b>	Rotork House, Brassmill Lane, Bath, BA1 3JQ, United Kingdom
<b>Type</b>	Actuators
<b>Description</b>	IQ3 Range of Electric Actuators
<b>Trade Name</b>	IQ, IQM, IQML, IQL & IQH
<b>Application</b>	Marine, offshore and industrial use in the environmental categories ENV1 ENV2 as described in Lloyds Register Test Specification No1: July 2015
<b>Specified Standard</b>	Manufactures Specification EN60079-0, EN60079-1, EN60079-7, EN60079-31, EN13463-1, EN13465-5
<b>Ratings</b>	IP66 and IP68 ATEX II 2 GD, variant is available with the above IP rated actuators EAC TR CU 012/2011 certified variants are available with the above IP rated actuators 1-Phase 50/60 Hz, 100V to 240V 3-Phase 50/60 Hz, 200V to 690V Torque Range (Nm): 0 – 3000 Amps: 0 – 240 Output Rotation : 0deg. - 360deg. IQ, IQL, IQH Operating Time: 0 – 30 mins

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IQM, IQML Operating Time: Continuous  
Gearcase Lubrication: Hydraulic/Synthetic EP Oil

**Other Conditions** This equipment shall be positioned such that the risk of impact to the window is low

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.

**Previous Version:** 16/00065,16/00065(E1),LR2282604TA

The Design Appraisal Document LR2282604TA-01 and its supplementary Type Approval Terms and Conditions form part of this Certificate.