Certificate No: LR21327909TA
Issue Date: 02/08/2021
Expiry Date: 01/08/2026

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.

Manufacturer	**LIAOYANG SHUANGHUA INSTRUMENT Co.,Ltd.**
Address	No.122 Middle Rongxing Road, Taizi River District, Liaoyang, 111000, China
Place of Production	LIAOYANG SHUANGHUA INSTRUMENT Co.,Ltd. No.122 Middle Rongxing Road, Taizi River District, Liaoyang, 111000, China
Type	Switches - Level
Description	Liquid Level Controller UQK-01-C, Side mounted; UQK-02-C, Side mounted; UQK-03-C, Top mounted; UQK-651-C, Side mounted; UQK-652-C, Top mounted;
Trade Name	UQK series
Application	Marine applications for use in environmental categories ENV3 in the “General Power Distribution Zones” as defined in LR Type Approval System Test Specification No. 1 July 2015 where the Test Specification is satisfactory for the intended operation
Specified Standard	Manufacture’s specification:Q/LSH03-2013

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Ke Lin Zhang

Lead Specialist to Lloyd's Register
Classification Society (China) Co Ltd
A member of the Lloyd's Register group

19th Floor, 550 Yan An dong Road, Shanghai,
Huangpu District, China

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Ratings

Type	Switch difference
UQK-01-C	0-8mm
UQK-02-C	25-550mm
UQK-03-C	8-1000mm
UQK-651-C	20-70mm
UQK-652-C	10-40mm

Working pressure ≤ 1.0 MPa
Working temperature ≤ 150°C
Rated Voltage: AC 220V, 50/60Hz; DC24V;
Contact Capacity: 1A (resistive); 0.5A (inductive)
Ingress Protection: IP 68
Material of Float-ball: SUS304

Additional Tests

Low Temperature Test: -25°C ±2 °C for 16 hours;
Enclosure Protection Test (IEC 60529-2001): IP68;

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 Classification Society (China) Co Ltd of any modification or changes to the equipment in order to obtain a valid Certificate.

The Design Appraisal Document LR21327909TA and its supplementary Type Approval Terms and Conditions form part of this Certificate.

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