Certificate No: LR2160574TA
Issue Date: 15/02/2021
Expiry Date: 14/02/2026

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	**SUZHOU CMR ELECTRONIC DEVICES CO.,LTD**
Address	Workshop 2# No.128 Fangzhou Road SIP, Suzhou, Jiangsu, 215000, China
Place of Production	SUZHOU CMR ELECTRONIC DEVICES CO.,LTD Workshop 2# No.128 Fangzhou Road SIP, Suzhou, Jiangsu, 215000, China
Type	Temperature Sensor
Description	TCM 2.1 S, TCM 2.1 SS types of temperature sensor
Trade Name	TCM 2
Application	Marine use in all control, monitoring and instrumentation systems onboard LR classed ships
Specified Standard	Manufacture's specification
Ratings	TCM 2.1 S Pp(mm) R L(m) FR-- with one sensing element TCM 2.1 SS Pp(mm) R L(m) FR --with two sensing elements nominal resistance: R_0= 100 Ω at 0°C Temperature range of validity: -196 °C ~+100°C wire configuration: three wires, IP 65, material of sheath: 316L

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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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Other Conditions Manufacture's Installation instructions shall be followed when used on board LR classed ships.

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 LR2160574TA and its supplementary Type Approval Terms and Conditions form part of this Certificate.

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