

Page 1 of 2

Certificate No: LR21441895TA Issue Date: 21/09/2021 Expiry Date: 20/09/2026

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 KEI SYSTEM Co., Ltd.

Address 1-1-5, Ikuno-Nishi, Ikuno-ku, Osaka-shi, 544-0024, Japan

Place of Production KEI SYSTEM Co., Ltd.

1-1-5, Ikuno-Nishi, Ikuno-ku, Osaka-shi, 544-0024, Japan

Type Control Units

Description KEI-LCD10A: 10.4" LCD display for 100V a.c. power supply

KEI-LCD10D: 10.4" LCD display for 24V d.c. power supply

Trade Name LCD Panel Display for Computer System

Application Marine and offshore applications for use in environmental categories ENV1 and

ENV2 on the "Bridge and Deck Zone" as defined in LR Type Approval System Test Specification No. 1, 2020 including Notice No.1 for the Specification where

the Test Specification is satisfactory for the intended operation.

Ratings Power supply: 100V a.c., 24V d.c.

Sachie Fujii

Senior Surveyor to Lloyd's Register Group Ltd A member of the Lloyd's Register group

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

Lloyd's Register Group Limited, its affiliates and subsidiaries and their respective officers, employees or agents are, individually and collectively, referred to in this clause as 'Lloyd's Register'. Lloyd's Register assumes no responsibility and shall not be liable to any person for any loss, damage or expense caused by reliance on the information or advice in this document or howsoever provided, unless that person has signed a contract with the relevant Lloyd's Register entity for the provision of this information or advice and in that case any responsibility or liability is exclusively on the terms and conditions set out in that contract.



Page 2 of 2

Certificate No: LR21441895TA Issue Date: 21/09/2021 Expiry Date: 20/09/2026

Type Approval Certificate

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 Group Ltd of any modification or changes to the equipment in order to obtain a valid Certificate.

Previous Version: 01/10072(E4)

The Design Appraisal Document LR21441895TA and its supplementary Type Approval Terms and Conditions form part of this Certificate.

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

Lloyd's Register Group Limited, its affiliates and subsidiaries and their respective officers, employees or agents are, individually and collectively, referred to in this clause as 'Lloyd's Register'. Lloyd's Register assumes no responsibility and shall not be liable to any person for any loss, damage or expense caused by reliance on the information or advice in this document or howsoever provided, unless that person has signed a contract with the relevant Lloyd's Register entity for the provision of this information or advice and in that case any responsibility or liability is exclusively on the terms and conditions set out in that contract.