Certificate No: LR25311732TA
Issue Date: 09/11/2025
Expiry Date: 08/11/2030

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	**Nishishiba Electric Co., Ltd..**
Address	1000Hamada Aboshi-ku, Himeji-shi, 671-1280, Japan
Place of Production	Nishishiba Electric Co., Ltd.. 1000Hamada Aboshi-ku, Himeji-shi, 671-1280, Japan
Type	Automatic Voltage Regulators
Description	Digital Automatic Voltage Regulator (AVR), VZDUX-1AP
Trade Name	Digital Automatic Voltage Regulator (AVR), VZDUX-1AP
Application	Marine and offshore applications for use in environmental categories ENV2 and ENV4 in the “General Power Distribution Zones” as defined in LR Type Approval System Test Specification No. 1-2024 where the Test Specification is satisfactory for the intended operation.
Ratings	Power supply for control: 24V d.c., less than 10W

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

Previous Version: LR2044001TA

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Masaharu Nakayama

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

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Type Approval Certificate

The Design Appraisal Document LR25311732TA and its supplementary Type Approval Terms and Conditions form part of this Certificate.

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