



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	NORIS Automation GmbH
Address	Muggenhofer Strasse 95, Nuernberg, 90429, Germany
Type	Alarm And Monitoring Systems
Description	Alarm extension system Types Display master unit N3000-DMPxx, (xx = 10, 20, 30), Software version 1.** Display slave unit N3000-DSPyy, (yy = 10, 20), Software version 1.** Signal slave panel N3000-SSP01, Software version 1.**
Trade Name	N3000-DMPxx, N3000-DSPyy, N3000-SSP01
Application	Marine, offshore and industrial applications for use in environmental categories ENV1, ENV2 and ENV3 as defined in Lloyd's Register's Type Approval System, Test Specification Number 1 - 2002.
Specified Standard	Manufacturers Specification IACS unified requirements E10 (Rev.8 Feb 2021)
Ratings	Power supply: 24 V DC
Additional Tests	Low Temperature Test -25°C/16hrs

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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: This certificate supersedes certificate number LR22403832TA issued on 27 September 2022 which is hereby cancelled.

The Design Appraisal Document HPC17622119-22/TW and its supplementary Type Approval Terms and Conditions form part of this Certificate.

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