Certificate No: LR2692135TA
Issue Date: 09/03/2026
Expiry Date: 03/12/2030

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	**NORIS Automation GmbH**
Address	Friedrich-Barnewitz-Strasse 10, Rostock, 18109, Germany
Type	Control Systems
Description	Remote Control Panel System Consists of the following components: MP-12L12B Master Control Panel MP-TU-23L9B Master Control Panel Transfer Unit SP-6L Extension Panel SP-4B Extension Panel SP-3L3B Extension Panel SP-6L6B Extension Panel SP-12L12B-LS4 Extension Panel with integrated control lever LS4 SP-12L12B-LT4 Extension Panel with integrated control lever LT4 SP-12L12B-LA4 Extension Panel with integrated control lever LA4 SP-TU-7L2B Extension Panel Transfer Unit
Trade Name	NORISYS 4 MP, NORISYS 4 SP
Application	Marine applications for use in environmental categories ENV1, ENV2, ENV3 and ENV5 as defined in Lloyd's Register's Type Approval System, Test Specification Number 1 – 2002.

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Thorsten Wolff

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Specified Standard

Manufacturer´s specification
IACS unified requirements E10 (Rev.9 Aug 2023)

Ratings

Supply voltage:	24 VDC
Mounting:	Desk Cut Out
Protection Class:	IP56 on front side

The NORISYS 4 Remote Control Panel System consists of two groups of components – master devices (MP) and I/O processing extensions (SP). The complete device series as listed above is designed as input/output modules without any process related function code, which provides an application independent use.

Additional Tests

Mechanical shock test:	15g, 11ms
Number of load planes:	6 (±X, ±Y and ±Z)
Number of shocks per load plane:	3

Other Conditions

Final functional arrangements are to comply with appropriate Lloyd's Register Rules and will be subject of the Plan Approval process, if applicable.

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: LR2114159TA

The Design Appraisal Document TSO-25-050220/TW and its supplementary Type Approval Terms and Conditions form part of this Certificate.

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