Certificate No: LR26150051TA
Issue Date: 12/08/2026
Expiry Date: 11/08/2031

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	**Bender GmbH & Co. KG**
Address	Londorfer Str. 65, Gruenberg, 35305, Germany
Place of Production	PHYTEC Messtechnik GmbH Barcelona-Allee 1, Mainz, 55129, Germany
Type	Monitoring System
Description	Condition monitor with gateway functionality
Trade Name	COMTRAXX® EDGE500IP
Application	Marine, offshore and industrial applications for use in environmental categories ENV1 and ENV2 as defined in Lloyd's Register's Type Approval System, Test Specification Number 1 – 2024.
Specified Standard	EN 50364 :2018 EN 61326-1 :2013 EN IEC 61326-1 :2021 / prAA:2023-10 EN IEC 63000 :2018 IACS UR E10 (Rev. 10: 2024)
Ratings	Power supply: 24 VDC

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Thorsten Wolff

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

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Software: D0850 V5.x.x ("x.x" = minor modifications/bug fixes)

Other Conditions

The Type Approval does not eliminate the need for normal inspection and survey procedures required by the Rules and Regulations.

If the specified standards are amended during the validity of this certificate, the product is to be re-approved prior to it being supplied to vessels to which the amended standards apply.

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.

The Design Appraisal Document TSO-25-049155/TW and its supplementary Type Approval Terms and Conditions form part of this Certificate.

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