Certificate No: LR26431512TA
Issue Date: 27/09/2026
Expiry Date: 26/09/2031

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	**Vega Grieshaber KG**
Address	Am Hohenstein 113, Schiltach, 77761, Germany
Type	Control Units
Description	Process controller
Trade Name	VEGAMET 341 and VEGAMET 342
Application	Marine applications for use in environmental categories ENV1 and ENV2 as defined in Lloyd's Register's Type Approval System, Test Specification Number 1 – 2020.
Specified Standard	Manufacturer's specification IACS UR E10 (Rev.10 Aug 2024)

Ratings

Supply voltage:	100...230 V AC, 50/60 Hz 24...65 V DC
Sensor input:	1 x 4...20 mA (VEGAMET 341) 2 x 4...20 mA (VEGAMET 342)
Current output:	1 x 4...20 mA (VEGAMET 341) 2 x 4...20 mA (VEGAMET 342)
Relais output:	3 x operating relay, one can be configured as fail safe relay
Hardware version:	1-0-0

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	Software version:	1.17.zz (zz = bug fixes)
Additional Tests	Low temperature (-20°C/16h)	
Other Conditions	Wireless data communication links are not to be used for safety critical systems or essential services that are required for the propulsion or safety of the ship.	

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: LR21303666TA

The Design Appraisal Document TSO-26-062088/TW and its supplementary Type Approval Terms and Conditions form part of this Certificate.

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