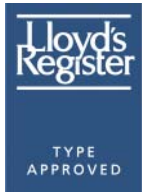


VEGA

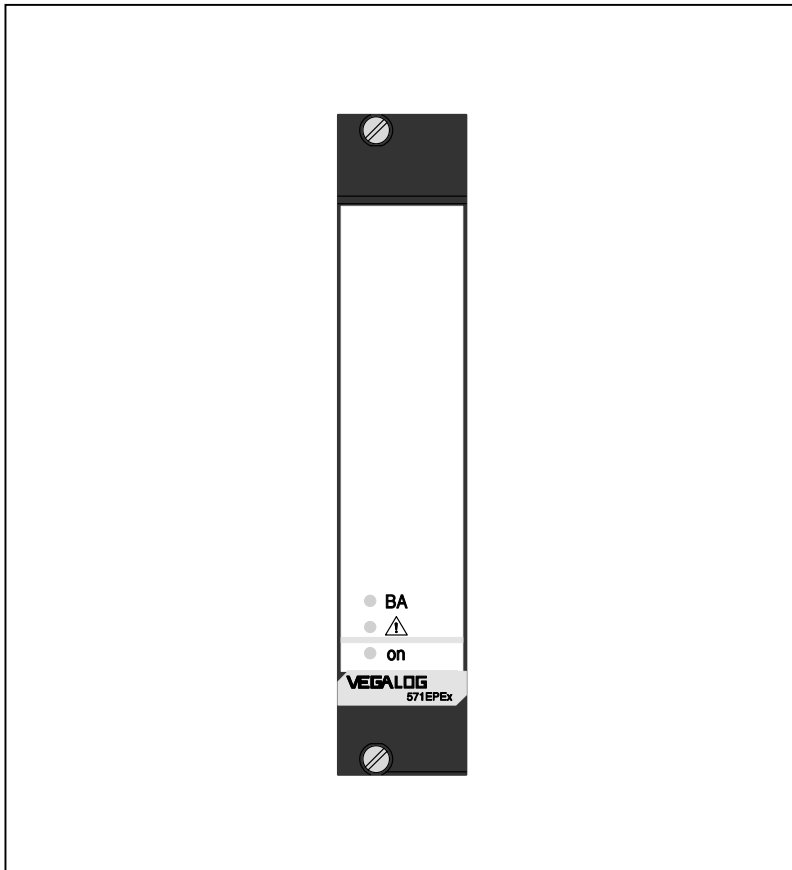


13654 – 98 HH

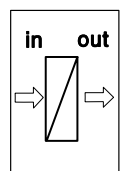


05/20055

VEGALOG 571



30777



GL 3
Lloyd's Register 4



Type Approval Certificate

Germanischer Lloyd

This is to certify that the undernoted product(s) has/have been tested in accordance with the relevant requirements of the GL Type Approval System.

Certificate No.	13 654 - 98 HH
Company	VEGA Grieshaber KG Am Hohenstein 113 D-77761 Schiltach
Product Description	Central Processing System
Type	VEGALOG 571
Environmental Category	C, EMC1
Technical Data / Range of Application	Power supply: 24V DC or with VEGASTAB 593 115V / 230V AC Carrier: BGT LOG 571 (19" rack) 19" cards: LOG 571 CPU.: central unit with RS 232 interface LOG 571 EA.: 0 / 4 - 20 mA input LOG 571 AA.: analogue current output 0 / 4 - 20 mA LOG 571 AR.: relay outputs, c/o contacts, rating 36 V DC, 60 mA LOG 571 AT.: transistor output, open collector, max. 36 V DC, 60 mA LOG 571 AD.: digital output for the connection of VEGADIS 174 units LOG 571 EP.: input Profibus PA card for Profibus PA sensors VEGACOM 557: interface connector for PLS system VEGACOM 558: interface converter for connection to an Ethernet network Degree of protection: IP 40 (front), IP 20 (other) * RS 232 communication only with use of ferrites (2 x 74271221 WE or equivalent) * Profibus PA communication only with use of ferrite (1x 74271221 WE or equivalent) * AC power supply only with use of Schaffner filter (1x FN332-1/05 or equivalent)
Test Standard	Guidelines for the Performance of Type Approvals, Chapter 2 - Edition 2003
Documents	Test report : according to listing 09.9851(with circuit diagrams) Test reports: EMC Services No. 04/4080-13 and No. 05/5068-1 Test report: Paconsult No. 533/04 Manual: 2.17779, 2.17780; Software documentation; Software questionnaire class 3
Remarks	Due to EMC aspects installation only in a metallic enclosure
Valid until	2010-04-03
Page	1 of 1
File No.	IA.08
Hamburg,	2005-12-16

Type Approval Symbol



Germanischer Lloyd

J. Wittburg

D. Lesniewski

This certificate is issued on the basis of "Guidelines for the Performance of Type Approvals Part 1, Procedure".



LR 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 LR Type Approval System.

This certificate is issued to:

PRODUCER	VEGA Grieshaber KG
PLACE OF PRODUCTION	Am Hohenstein 113 77761 Schiltach Germany
DESCRIPTION	Central Processing System
TYPE	VEGALOG 571
	Power Supply: 24 V DC or 24 V AC or with VEGASTAB 593 115/230 V AC
	Carrier: BHT LOG 571 (19" rack) comprising the following 19" cards:
	LOG 571 CPU: central unit with RS 232 interface
	LOG 571 EA: 0/4 - 20 mA input
	LOG 571 AA: analogue current output 0/4 - 20 mA
	LOG 571 AR: relay outputs, open collector, max. 36 V DC, 60 mA
	LOG 571 AT: transistor output, open collector, max. 36 V DC, 60 mA
	LOG 571 EP: input Profibus PA card for Profibus PA sensors
	VEGACOM 557: interface connector for PLS system
	VEGACOM 558: interface converter for connection to an Ethernet network

Degree of protection: IP 40 (front), IP 20 (other)

Certificate No.	05/20055
Issue Date	19 December 2005
Expiry Date	18 December 2010
Sheet	1 of 2

Thorsten Wolff
Hamburg Plan Approval Centre
Lloyd's Register EMEA

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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.
ADDITIONAL TESTS	Low temperature test (-25 °C/16 hrs.)
OTHER CONDITIONS	RS 232/Profibus PA communication only to be used with ferrite Würth Electronic 742 712 21 or equivalent. AC power supply only to be used with Schaffner filter (1xFN332-1/05).
SPECIFIED CODE	Manufacturer's specification

"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 No. HEC 14049-05 and its supplementary Type Approval Terms and Conditions form part of this Certificate.

Certificate No.	05/20055
Issue Date	19 December 2005
Expiry Date	18 December 2010
Sheet	2 of 2

Thorsten Wolff
Hamburg Plan Approval Centre
Lloyd's Register EMEA

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