

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. 96 821 - 87 HH

Company Schaller Automation
Industrielle Automationstechnik GmbH & Co. KG
Industriering 14
66440 Blieskastel, GERMANY

Product Description Oil Mist Detector

Type Visatron VN115/87-EMC
OMD EP115/99

Environmental Category D, EMC 2

Technical Data / Range of Application Power supply: 24 V DC
Power input: max. 250 mA
Sensitivity: 0.5 to 30 % obscuration above basic absorption
Displays: operation, alarm, measured value, error diagnosis by LED
Outputs: 2 c/o - contacts for alarm purpose
1 c/o - contact for detector failure alarm
Contact rating: 2 A , 60 W / 125 VA
Degree of protection: IP 44
Gear room monitor for Diesel engines of dip piston version with automatic compensation of long term drifts.

Monitoring principles:
VN115/87: All compartments
EP115/99: Number of sampling points depends on engine layout

Test Standard Guidelines for the Performance of Type Approvals Part 2, 2003
IACS UR M67 Rev. 1, Oct. 2006

Documents Folder "Test reports for VNXXX/87 type approval", 12.08.1999
Test reports CETECOM 4-1122-01-01/03, 4-0178/99_1_1
Manual, installation instructions 10030-180235, Operating Instructions 10025, O4U / 2100 06.99, GSSO IACS UR M67 Rev. 1, 2007-02-22

Remarks Suitability has to be demonstrated for the individual engine type

Valid until 2010-02-18

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File No. I.A.04

Hamburg, 2007-03-30

Type Approval Symbol



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Jürgen Wittburg

Marco Rinkel

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