

Type Approval Certificate



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. **33 671 - 06 HH**

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

Product Description **Oil Mist Detector for Diesel Engines**

Type **VISATRON
TYPE VN 115/87plus; VN 116/87plus; VN 215/87plus**

Environmental Category **D, EMC 2**

Technical Data /
Range of Application **VN 115: Basic system
without localisation of the point of damage
VN 116: medium sensitive system
display of crankcase compartment half with the overheating damage
VN 215: high sensitive system - with display of the compartment with the
overheating damage**

- Voltage: 24V DC +/-25%, Operating Current: max. 3A, Current at make: 4A
- Contact outputs (NO/NC): 1 prealarm, 1 NO/NC alarm, 1 detector failure
- RS 485 serial data link
- Built-in history storage device
- Connection of remote monitoring device
- Degree of protection: IP 54

Software Version: **V5.0x**

Test Standard **Guidelines for the Performance of Type Approvals Part 2, 2003, Regulations for the
Use of Computers and Computer Systems 1994, IACS UR M67 Rev. 1, Oct. 2006**

Documents **Test reports: CETECOM 4-2018/06-01-01(EMC), 4-2018-1-2 (Climatic)
For Vibration see certificate 94635-94HH (VNxxx/93), GSSO IACS UR M67, 2007-02-22
Operation Manual VISATRON VN 87 plus V1.0, 08/2006
Software listing V5.02 for requirement class 3**

Remarks **Suitability has to be demonstrated for each individual engine type
Proofs for IACS UR M67 to be furnished**

Valid until **2016-12-13**

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File No. **I.A.04**

Hamburg, **2011-12-14**

Type Approval Symbol



Germanischer Lloyd

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Marco Rinkel

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