

# 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. 94 635 - 94 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 115/93; VN 116/93; VN 215/93

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

Header pipe sampling system for suction extraction of the crankcase  
atmosphere for each compartment

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

Software Version: V114 - 03.05.2000

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 report no. 022a/94 dated 26.04.1994, 4-0178/99\_2\_1 dated 16.12.1999  
CETECOM 4-1122-01-01/03, 4-0178/99\_1\_1, GSSO IACS UR M67 Rev. 1, 2007-02-22  
Short Form Catalogue INFO No. 7, Operating Instructions 10980 Edition 04W  
Software handling documentati

Remarks Suitability has to be demonstrated for each individual engine type

Valid until 2015-11-04

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Type Approval Symbol



File No. I.A.04

Hamburg, 2010-11-05

Germanischer Lloyd

Dr. Joannis Papanuskas

Marco Rinkel

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