



中國驗船中心
China Corporation Register of Shipping

Certificate No. 514-13-045

Date April 15, 2013

型式認可證書
Type Approval Certificate
of
Oil Mist Detector for Diesel Engines

This is to certify that the **Products** manufactured by the works hereunder mentioned has been approved by this Society in accordance with the requirements given in Part IV of Rules for the Construction and Classification of Steel Ships 2009 as an approved type for use in ships classed or intended to be classed with the Society.

Manufacturer : Schaller Automation
Industrielle Automationstechnik GmbH & Co. KG
Industriering 14, D-66440 Blieskastel, Germany

Approved Products : Oil Mist Detector for Diesel Engines:
VISATRON Type VN 115/87 plus
VISATRON Type VN 116/87 plus
VISATRON Type VN 215/87 plus

On the basis of : As attached page

This approval is valid until June 24, 2018

Kuen-Rong Cheng, Chief Surveyor

Oil Mist Detector for Diesel Engines

Type

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

Technical Data

VN 115 : Basic system

Without localization 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

Range of Application

Operating Voltage : $24 \pm 25\%$ V DC

Operating Current : Maximum 3 A

Admissible Operation Temperature : $0 \sim 70^{\circ}\text{C}$

Degree of Protection : IP54

Test Standard

Guideline for the performance of IACS UR M67 Rev. 1, Oct. 2006

Type Approval documentation

- Operation Manual, part-No. 11078, Version 20, 01/2013

Certificate retention survey

The Surveyor of this Society shall be given admission to the manufacturers premises on an Audit every second year in order to verify that the conditions for the type approval are complied with.

Products are to be inspected prior delivery

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