



中國驗船中心

CR Classification Society

Certificate No. 869-17-010

Date April 13, 2017

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 2017 and IACS UR M67 (Rev.1 2006/Corr.1 2007) 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 VN301^{plus} / VN301^{plus} EX (Ex ib op is II B
T4)

Specification & Documents : As shown on attached sheet

This approval is valid until July 1, 2022, but may be withdrawn in any alteration of design and/or construction which affects the quality of products.

Chih-Wen Cheng

中國驗船中心總驗船師
Chief Surveyor
CR Classification Society

Type

VISATRON VN301^{plus} / VN301^{plus} EX (Ex ib op is IIB T4)

consists of central units including compressed air supply system and protection cover, sensor units and ready made hybrid cables (electric and air supply)

Technical Data / Range of Application

Operating Air pressure	: 4-12 bar
Operating Voltage	: 18-31.2 Volts DC
Normal Voltage	: 24 Volts DC
Admissible Operation Temperature	: 5~70°C
Enclosure Protection	: IP65

Type Approval documentation

- Operation Manual VISATRON VN301^{plus} / VN301^{plus} EX Ver. 1.2/2015
- Dimension Drawing No. DC180403 02, DC180401 02, DC 180405 02
- Circuit diagram No. 210970, 210971, 1000006, 1000032, 1000048
- Test report CETECOM No.1-4083/11-01-02, 1-4083/11-01-03,1-4083/11-01-05
- Test report GSSO 15.03.2012
- ATEX-Certificate BVS 11 ATEX E175 21.02.2012

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