



中國驗船中心
CR Classification Society

Certificate No. 851-22-008

Date June 20, 2022

型式認可證書
TYPE APPROVAL CERTIFICATE

This is to certify that the undernoted product(s) has/have been approved by CR Classification Society in accordance with the requirements given in *CR Rules for The Construction and Classification of Steel Ships and IACS UR M67(Rev.2)* 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

Approved Product(s) : OIL MIST DETECTORS

Model Name : VISATRON VN301plus / VN301plus EX (II 2G
Ex op is IIB T4 Gb)

This certificate is valid until July 01, 2027

CHIEN-HUA HUANG

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

This certificate evidences that the type of the products of the Manufacturer has been assessed to be in compliance with the specified CR Rules or Guidelines and to be capable of providing the listed products. This Certificate may be cancelled by CR Classification Society if the applicant makes any changes or modifications relevant to the approval, which have not been notified to, and agreed in writing with the Society. Any person not a party to the contract pursuant to which this document is delivered may not assert a claim against CR Classification Society for any liability arising out of errors or omissions which may be contained in said documents, or for errors of judgment, fault or negligence committed by personnel of the Society.

Please refer to the CR website for the latest status of this approval: www.crclass.org/aw0/aw0.htm

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Schaller Automation
Industrielle Automationstechnik GmbH & Co. KG

Address of Manufacturer:

Industriering 14, D-66440 Blieskastel, Germany

Product Specification:

VISATRON VN301plus / VN301plus EX (II 2G Ex op is IIB T4 Gb) :consists of central units including compressed air supply system and protection cover, sensor units and ready made hybrid cables (electric and air supply)

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

Related Documents & Remarks:

1. Operation Manual VISATRON VN301^{plus} / VN301^{plus} EX Ver. 1.5/2021
2. Dimension Drawing No. DC180403 02, DC180401 02, DC 180405 02, and 273184
3. Circuit diagram No. 210970, 210971, 1000006, 1000032, and 1000048
4. Test report CETECOM No.1-4083/11-01-02, 1-4083/11-01-03,1-4083/11-01-05, 1-5141/12-01-02, and 1-5141/12-01-03
5. Test report GSSO 15.03.2012
6. ATEX-Certificate BVS 11 ATEX E175 21.02.2012

(See next page for further details regarding the approval.)

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Periodical assessment:

The intermediate audit is to be carried out within 3 months before or after the second anniversary date or within 3 months before or after the third anniversary date of the certificate. The intermediate audit will include, but not be limited to, confirmation of operation of the manufacturer's quality system, compliance of production procedures with the technical documents accepted at the time of type approval, purchase control of raw materials, components and parts, use of survey marks and approved product logos, languages required to be used in nameplates and operation instructions, product quality feedback. In case where the intermediate audit items mentioned above are not practical, considerations will be given by the Society on a case-by-case basis.

- The End -

