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Type Approval Certificate

This is to certify that the undernoted product(s) has/have been tested with satisfactory results in accordance with the relevant requirements of the Lloyd's Register Type Approval System.

This certificate supersedes certificate number 09/20029 (E1) issued on 16 November 2014 which is hereby cancelled.

This certificate is issued to:

PRODUCER	Schaller Automation Industrielle Automationstechnik GmbH & Co. KG
PLACE OF PRODUCTION	Industriering 14 66440 Blieskastel Germany
DESCRIPTION	Oil Mist Detectors for Diesel- and Gas Engines
TYPE	VISATRON® 87 plus series VN 115/87plus VN 116/87plus VN 215/87plus VN115/87 plus EX II (2G) [Ex op is IIB T4 Gb] Software Version V5.xx (.xx for minor changes)
APPLICATION	Marine, offshore and industrial applications for use in environmental categories ENV1, ENV2, ENV3 and ENV4 as defined in Lloyd's Register Type Approval System, Test Specification Number 1 – 2014. Application is only use for "General Power Distribution Zones".
STANDARD	Manufacturer's specification IACS UR M67 2005 / Rev. 2 on February 2015

Certificate No.	09/20029 (E2)
Issue Date	07 October 2015
Expiry Date	09 November 2019
Sheet	1 of 2

Lloyd's Register EMEA
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Jörn Brüggemann
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OTHER CONDITIONS

The suitability of the installation of the Oil Mist Detector is to be demonstrated for each type of engine.

VN115/87 plus EX is suitable for use in ATEX Zone1 and Zone2.

"This Certificate is not valid for equipment, the design, ratings or operating parameters of which have been varied from the specimen tested. The manufacturer should notify Lloyd's Register EMEA of any modification or changes to the equipment in order to obtain a valid certificate."

The Design Appraisal Document No. HTS/ETS 32516-15 and its supplementary Type Approval Terms and Conditions form part of this Certificate.

Certificate No. 09/20029 (E2)
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