

Appendix 1

Product Description and/or Approval Condition

Certificate No : HMB02586-OD004

Date of Issue : 5th November, 2020

A. Product Description :

1. Functional Overview : protects large diesel engines against oil mist explosion.
2. Ratings
 - 1) Power Supply : 24V DC
 - 2) Relay Outputs : 2 x 'Alarm', 1 x 'Ready', 1 x 'Pre-Alarm'
 - 3) Communication : RS485
 - 4) Sensor Types
 - VN301plus Sensor Unit, vertical connection
 - VN301plus Sensor Unit, horizontal connection
 - VN301plusEX Sensor Unit, vertical connection
 - VN301plusEX Sensor Unit, horizontal connection
 - 5) Degree of Protection : IP65
 - 6) Software version : 1.18 (Central Unit), 1.16 (Sensor)
3. Documentation :
 - 1) Operation Manual Version 1.4 dated 01/2020
 - 2) Drawing No. DC180403 02, DC18040 02, DC180405 02
 - 3) Test Reports
 - No. 1-5141/12-01-02~03, 1-4083/11-01-02~05 by CETECOM
 - GSSO report (15.03.2012)
 - Function test report according to IACS UR M67 Rev.2 by Schaller (2017.03.22)
 - SGS TUV test report, Project No. 79917_05122019_VN301 plus (06.12.2019)
 - 4) Ex-proof Certificate No. BVS 11 ATEX E 175

B. Approval Condition :

1. This approval is granted on the basis of the approved documentation and the test reports (IACS UR E10 Rev.7).
2. The manufacturer should inform this Society of all kinds of revisions of the equipment including software. If the changes are recognized to affect functionality of the approved equipment, type test to confirm the reliability of the revised equipment may be performed in the presence of our surveyor.
3. The product or packing is to be marked with the manufacturer's name and type designation on a suitable position.
4. Explosion-proof certification by a notified/recognized Certification Body is not covered by this certificate. Ratings and Special Condition for Safe Use in hazardous areas are to be obtained from the relevant valid Ex-Certificate.
5. Individual Product Certification is not required.

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