

Type Approval Certificate



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

Certificate No. 60 719 - 13 HH

Company motcom GmbH

Kurt-Schumacher-Str.28-30
66130 Saarbrücken, GERMANY

Product Description Oil Mist Concentration Monitoring

Type SiCOMS - OCom

Environmental Category D; EMC2

Technical Data / Range of Application
Consist of motcom Evaluator (Type: OCMEV) and up to 16 Sensors (Type: SiSe /OC..) incl. SOG (Splash Oil Guard)
Power Supply: 24V DC +30% / -25%
Operating Current: max. 1.5 A
Sensitivity: Adjustable in 10 steps from 0,2 mg/l to 10mg/l
2 isolated switchover- relay contacts for Main-Alarm with wire-break resistors
1 isolated switchover- relay contact for Pre-Alarm
1 isolated switchover- relay contact for System Ready
Serial Interface: RS 485 (bidirectional communication)
Communication Protocol: Modbus, optional CAN Bus
User Interface: LCD Display with 240 x 128 dots.
Ambient temperature: 0 - 70°C
Inputs: up to 16 SiCOMS

Software Version Evaluator: 2.00 B1002 dated 15-01-2013
Software Version Sensor: 3.41 dated 30-01-2013

Test Standard Guidelines for the Performance of Type Approvals VI-7-2, Edition 2012;
Regulations for the use of Computer and Computer Systems; IACS UR M67 Rev. 1 Oct. 2006

Documents Test report : Cetecom (3-4342-1-2/05-C, 3-4342-01-05b/05), NKL (05.07.2005), SGB (SGB-VB051005-01); Software requirement class 3;
Instruction Manual: 2 900 000 000 Revision 070222; Technical Data SiCOMS dated 21-09-2005 Version 2.0; M67 test report dated 16-01-2007

Remarks Suitability has to be demonstrated for the individual engine type

Valid until 2018-07-03

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File No. I.A.04

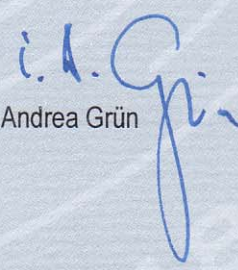
Hamburg, 2013-07-04

Type Approval Symbol



Germanischer Lloyd


Marco Rinkel


Andrea Grün