

TYPE APPROVAL CERTIFICATE

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

Certificate No. **98 802 - 88 HH**

Company **Egon Harig GmbH**
Gewerbering 4
22113 Oststeinbek, GERMANY

Product Description **UV - Flame Detector**

Type **FL 80/1A**

Environmental Category **C, EMC1**

Technical Data /
Range of Application **Alarm sensibility: according to EN54 part 10, class 1**
Optical Location Angle: 180°
Response time: typical < 2s
Power supply: 24 V DC
Current consumption: quiescent 35mA, alarm condition 55mA
Outputs: 1 potential-free close contact for voltage failure, 1 A, 250 V AC
1 potential-free close contact for fire alarm, 1 A, 250 V AC
Weight: 1,4kg
Degree of protection: IP 65
Housing material: aluminium

Test Standard **Guidelines for the Performance of Type Approvals Part 2, Edition 2012**
EN 54-10:2002 + A1:2005

Documents **Test report : BMA 10046, 12-L-00139-01, 12-4065**
Documents and Drawings: General description, Component diagrams, printed circuit boards, manuals, assembly and dimensions drawings and part lists etc. regarding the drawing list Z-Nr. 4.03244, dated 18.02.14.

Remarks **none**

Valid until **2019-09-25**

Page **1 of 1**

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Hamburg, 2014-09-26

Type Approval Symbol




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