

# 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. **47 316 - 03 HH**

Company **Trafag AG  
Industriestraße 11  
8608 Bubikon, SWITZERLAND**

Product Description **Marine Pressure Transmitter**

Type **8498**

Environmental Category **D, H, EMC1**

Technical Data /  
Range of Application **Absolute or relative pressure measurement  
Measuring range: 0...4.0 bar up to 0...250 bar  
Power supply: 24VDC  
Output signal: 4...20mA, 2-wire connection  
Accuracy:  $\pm 0.5$  % FS (at 25°C)  
Temperature drift:  $\pm 0.06$  %/K/FS max.  
Electrical connection: connector DIN43650-A  
Pressure connection: G1/4" or NPT 1/4"  
Material: housing 1.4435, sensor Ceramic, seal FKM (standard) or others on request  
Degree of protection: IP65  
Software (firmware) according to requirement class 3  
Software (firmware) version: V1.2  
\*H : extended vibration test : frequency range up to 2000 Hz  
acceleration = 6g**

Test Standard **Guidelines for the Performance of Type Approvals, Chapter 2, Edition 2012**

Documents **Test Report V-224 GL Qualification of Trafag dated 21.11.2002  
Test Report EMC 075/02 of EMC -Testcenter Zürich dated 14.10.2002  
Messprotokoll Nr 102/2002 of ILK Dresden dated 02.04.2003  
Data Sheet: H72239c; Drwg. B61153-55\_f; 8498\_Software.doc+GL\_SW\_Nachtrag.doc**

Remarks **None**

Valid until **2018-06-26**

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File No. **I.D.01**

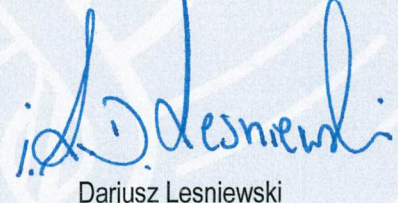
**Hamburg, 2013-05-22**

Type Approval Symbol



**Germanischer Lloyd**

  
Marco Rinkel

  
Dariusz Lesniewski

This certificate is issued on the basis of "Guidelines for the Performance of Type Approvals Part 1, Procedure".