



# 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. **40 852 - 01 HH**

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

Product Description **Submersible Pressure Transmitter  
Submersible Pressure Transmitter (Ex-Type)**

Type **8838  
8858**

Environmental Category **C, EMC1**

Technical Data /  
Range of Application **Variants: sensor and amplifier in common housing  
sensor and amplifier in separate housings connected via cable  
Relative or absolute pressure measurement  
Measuring range: 0...1mH<sub>2</sub>O to 0...250mH<sub>2</sub>O (0...100mbar to 0...250bar)  
Power supply: 24V DC  
Output signal: 4...20mA, 2-wire connection  
Sensor (optional): 1x PT1000, 2-wire connection - only for separate housing variant  
Accuracy: better than  $\pm 0.5$  % FS  
Electrical connection: fixed cable  
Mounting: freely suspended cable  
\*Cable installation inside the tank only  
Material: housing, diaphragm - 1.4435, seal - Viton  
Degree of protection: IP68 (protected for use in water or liquid up to 25bar)  
Explosion-Poof: according to the certificate SEV 11 ATEX 0145 X**

Test Standard **Guidelines for the Performance of Type Approvals, Chapter 2 - Edition 2003**

Documents **Test Report V-088 dated 13.07.2001; Ex-Cert.: SEV 11 ATEX 0145 X  
Test Report PX22T of EMC-TestCenter Zürich, dated 28.11.2001  
Test Report: montena 15'863 dated 21.04.2010; Circuit Diagrams  
Data Sheets: 2.3.2.5 (H72228g), 2.3.9.4 (H72231d); Construction Drawings; Part Lists**

Remarks **None**

Valid until **2017-03-20**

Page 1 of 1

File No. I.D.01

Hamburg, 2012-03-22

Type Approval Symbol



**Germanischer Lloyd**

Burkhard Lilienthal

Dariusz Lesniewski