



# 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. **24 771 - 05 HH**

Company **Trafag AG**  
**Emil-Staub-Strasse 1**  
**8708 Männedorf, SWITZERLAND**

Product Description **Pressure Transmitter SPT, EPT**

Type **8440.xx.26.yy.zz.79, 8442.xx.25.yy.zz.79**  
**8480.xx.26.yy.04.79, 8482.xx.25.yy.04.79 (inversed electrical connection)**

Environmental Category **C, H, EMC1**

Technical Data /  
Range of Application **Sensor: thick film on ceramic**  
**Power supply: 24V DC (9...32V DC)**  
**Signal output: 4...20 mA, two wire, loop powered**  
**Pressure ranges (xx): 0...1 to 0...250 bar**  
**Accuracy (25/26): standard max. 0.7%, calibration temp. 60°/25°C**  
**(see manufacturer's data sheet for more details)**  
**Process connection (yy): female G1/4", male: G1/4", G1/2" or M14x1.5**  
**Electrical connection (zz): DIN 43650-A or DIN 72585 plug**  
**fixed PUR-cable, standard length 1.5m**  
**Degree of protection: IP65 (plug DIN 43650-A) / IP67 (plug DIN 72585)**  
**IP68 (fixed cable)**  
**Wetted parts: ceramic Al2O3 (96%), pressure connection 1.4435/1.4404 (AISI316L)**  
**housing 1.4301 (AISI304), O-Ring Viton 70°Sh**  
**\*(Env. Cat. 'H'): vibration test: 5Hz to 20Hz amplitude = 9.3 mm**  
**20Hz to 2kHz acceleration = 15g**

Requirement class: **3**

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

Documents **Test reports: Trafag V-0317 and V-0440, EMC-Testcenter EMCKP155A**  
**Test reports: ILK Dresden 171/2004, 183/2004 191/2004, Trafag V-0450**  
**Technical data sheets: 2.3.1.18 (03/2006), 2.3.1.19 (01/2006)**  
**Circuit diagrams; Construction drawings, Software documentation**

Remarks **None**

Valid until **2015-02-22**

Page **1 of 1**

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

Hamburg, **2010-02-23**

**Germanischer Lloyd**

  
Marco Rinkel

  
Dariusz Lesniewski

Type Approval Symbol

