

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. **13 673 - 99 HH**

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

Product Description **Pressure Transmitter SPT, EPT**

Type **8240.xx.25.yy.zz.79, 8242.xx.20.yy.zz.79**
8280.xx.25.yy.04.79, 8282.xx.20.yy.04.79 (inversed electrical connection)

Environmental Category **D, H, EMC1**

Technical Data /
Range of Application **Sensor: thin film on steel**
Power supply: 24V DC (9...32V DC)
Signal output: 4...20 mA, two wire, loop powered
Pressure ranges (xx): 0...2.5 to 0...600 bar
Accuracy (20/25): standard max. 1%, 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: stainless steel 1.4542 (AISI630), 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-0343, EMC-Testcenter EMCKP155A**
Test reports: ILK Dresden 171/2004, 183/2004 191/2004, Trafag V-0450
Technical data sheets: 2.3.1.8 (05/2006), 2.3.1.20 (01/2006)
Circuit diagrams; Construction drawings, Software documentation

Remarks **None**

Valid until **2015-02-22**

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

Hamburg, **2010-02-23**

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".