

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. 61 750 - 14 HH

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

Product Description **Submersible Pressure Transmitter ECL
Ex Submersible Pressure Transmitter EXL**

Type 8438
8432

Environmental Category **D, EMC1**

Technical Data /
Range of Application **Pressure range: 0...0.1 bar up to 0...25 bar
Power supply: 24V DC (9V DC min. ... 32V DC max. / 30V DC max. for Ex-Type)
Output signal: 4...20mA, 2-wire connection, loop-powered
Accuracy: better than $\pm 0.5\%$ FS (at 25°C) typ.
Process connection: M10x1 or M22x1
Electrical connection: fixed cable (installation inside tank only)
Materials: housing - 1.4404 / 1.4435
sensor - Ceramic
cables - PUR, PE, PTFE or FEP
Degree of protection: IP68 (30 bar, 10 min.)
Intrinsic Safety (8432): see certificate SEV 11 ATEX 0201 X, IECEx SEV 11.0003X**

Test Standard **Guidelines for the Performance of Type Approvals, Chapter 2- Test Requirements
for Electrical / Electronic Equipment and Systems (VI-7-2), Edition 2012**

Documents **Test Report: EMC-TestCenterZürich No. EMCKP1429 A
Test Reports: Trafag no. V-12059, V-09016, V-11016, V-11017, V-14001, V-12059
Data sheets: H72328b, H72330a; Manuals: H73328b, H73329b
Drawings: no. C13915e, no. C16597d, no. C22453d, no. C22454d, B63800e
Certificates: SEV 11 ATEX 0201 X, IECEx SEV 11.0003X**

Remarks **None**

Valid until **2019-01-23**

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

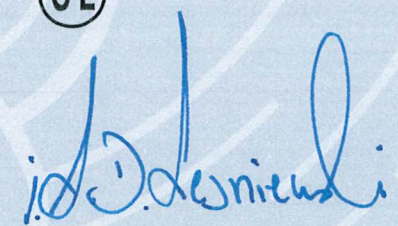
Hamburg, 2014-01-24

Type Approval Symbol



Germanischer Lloyd


Marco Rinkel


Dariusz Lesniewski