

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. **60 332 - 09 HH**

Company **STS Sensor Technik Sirmach AG**

**Rütihofstrasse 8
8370 Sirmach, SWITZERLAND**

Product Description **Programmable Intrinsically Safe Pressure Transmitter
Programmable Intrinsically Safe Submersible Level Transmitter**

Type **PTM/Ex
PTM/N/Ex**

Environmental Category **D, F, EMC1**

Technical Data /
Range of Application **Sensor: Piezoresistive measuring element
Pressure type: gauge, absolute or sealed gauge
Measuring range: 0...0.05 bar to 0...1000 bar (PTM/Ex)
0... 0.05 bar to 0...25 bar (PTM/N/Ex)
Power supply: 24V DC (9V DC min. ... 30V DC max.)
Output signal: 4...20mA, two-wire connection, loop-powered
Process connection: G1/4 A, G1/2 A, 1/4NPT A, 1/2NPT A (PTM/Ex)
suspended cable (PTM/N/Ex)
Electrical connection: connector acc. DIN 43650 (DIN EN 175 301-803-A)
connector Binder 723, 5-pin (acc. IEC 130-9)
cable PUR or FEP (PTM/N/Ex) - *Installation inside tank only
Materials: housing, process connection - stainless steel or titan
Programming: PTM-Interface (for device configuration and recalibration)
Requirement class: 3; Firmware version: V2.02**

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

Documents **Test reports: STS 6.59.0828.A.TB(PB)02....TB(PB)12.doc, 'Trockene Wärme'
12.03.2012; ENL Test Laboratory TR Nr. 20081283.A02.01, Montena No. 15'542
EG Baumusterprüfbescheinigung SEV 08 ATEX 0142; Software Documentation
User Manual PTBM_DDB003.doc; Data Sheets PTM/Ex & PTM/N/Ex
Operating and Safety Instruction 10.88.0092E**

Remarks **None**

Valid until **2019-04-06**

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File No. **ID.01**

Hamburg, 2014-04-07

Germanischer Lloyd

Type Approval Symbol




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