

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 Sirnach AG
Rütihofstrasse 8
8370 Sirnach, 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 Teflon (PTM/N/Ex)
Materials: housing, process connection - stainless steel or titan
cable - PUR or FEP
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 2003

Documents Test reports: STS 6.59.0826.A.TB(PB)G2....TB(PB)12.doc
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

Remarks None

Valid until 2014-03-26

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Type Approval Symbol



Germanischer Lloyd

Jürgen Wittburg

Dariusz Lesniewski