



Type Approval Certificate

Germanischer Lloyd

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. 40 868 - 01 HH

Company STS Sensor Technik Sirmach AG
Rüthhofstrasse 8
CH-8370 Sirmach

Product Description Pressure Transmitter
Pressure Transmitter (Ex-Type)

Type ATM
ATM/Ex

Environmental Category C

Technical Data /
Range of Application Types ATM 1.. /-Ex 1.. : relative pressure measurement
Types ATM 2.. /-Ex 2.. : absolute pressure measurement
Measuring range: ATM 0...0.1 bar up to 0...1000 bar
ATM/Ex 0...0.2 bar up to 0 ... 250 bar
Power supply: 24 V DC
Output signal: 4...20 mA, 2-wire connection
0...10 V DC, max. 1 mA, 3 - wire connection
Accuracy: better than ± 0.5 % FS
Temperatur drift: ± 0.06 % FS/ $^{\circ}$ C
Electrical connection: plug according to DIN 43650
(screened cable have to be used)
Process connection: G 1/2", G 1/4"
Material: (housing, diaphragm) 1.4435, (seal) Viton
Degree of protection: IP65
Explosion-Poof EEx ia IIC T3...T6 : (Type ATM/Ex)

Test Standard GL-Regulations for the Performance of Type Tests, Part 1 / Edition 1997

Documents Test Report V-088 dated 13.07.2001; Ex-Cert.: SEE 99 ATEX 2640
Test Report PX22T of EMC-TestCenter Zürich, Dated 28.11.2001
Data Sheets: Drucktransmitter ATM, Eigensichere Drucktransmitter ATM/Ex
Circuit Diagramm 4.30.0121.A, Part List: 6.31.0348.A

Remarks None

Valid until 2006-10-17

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Type Approval Symbol



File No. I.D.01

Hamburg, 2001-10-29

Germanischer Lloyd

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