



(1) **EC-Type Examination Certificate**

- (2) Equipment or protective system intended for use in potentially explosive atmospheres - **Directive 94/9/EC**
- (3) Examination certificate number: **SEV 11 ATEX 0142 X**
- (4) Equipment: Pressure transmitter
Type ATM/Ex, ATM/F/Ex, ATM/N/Ex, ATM/NC/Ex
- (5) Manufacturer: STS Sensor Technik Sirnach AG
- (6) Address: Rütihofstrasse 8, CH-8370 Sirnach
- (7) The equipment and any acceptable variation thereto is specified in the schedule to this certificate and the documents therein referred to.
- (8) Electrosuisse SEV, notified body No. 1258 in accordance with article 9 of the Council Directive of the European Communities of 23 March 1994 (94/9/EC), certifies that this equipment has been found to comply with the essential health and safety requirements relating to the design and construction of equipment or protective systems intended for use in potentially explosive atmospheres given in Annex II to the Directive.
The results of the examination are recorded in confidential report no 08-IK-0339.01 incl. extension 2.
- (9) Compliance with the essential health and safety requirements has been assured by compliance with:
EN 50303:00 EN 60079-0:09 EN 60079-11:12
EN 60079-26:07
- (10) If the sign «X» is placed after the certificate number, it indicates that the equipment or protective system is subjected to special conditions for safe use specified in the schedule to this certificate.
- (11) This examination certificate relates only to design and construction of the specified equipment in accordance with the directive 94/9/EC. Further requirements of this directive apply to the manufacturing process and the placing on the market of the equipment.
- (12) The marking of the equipment shall include the following:

See Appendix page 2



**Electrosuisse
Notified Body ATEX**

Martin Plüss
Product Certification



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(13)

Appendix

(14)

EC-Type Examination Certificate

(15) Description of the equipment

They may vary in connection type like fix mounted cable, plug connection or terminal connection. Also the temperature of the medium has an influence on the temperature class. Details see customers document operating and safety instructions.

Ratings: $U_i = 30 \text{ V}$, $I_i = 100 \text{ mA}$, $P_i = 1.0 \text{ W}$
 $C_i = 10 \text{ nF} + C_K = 0.12 \text{ nF/m}$; $L_i = 0.1 \text{ mH} + L_K = 0.001 \text{ mH/m}$

(16) Test Report

08-IK-0339.01 incl. extension 2




(17) Special conditions for safe use

Protect pressure transmitters with titanium housing against impact and friction.

(18) Fundamental essential health and safety requirements

Fulfilled by the standards applied

(19) Markings

ATM/Ex, ATM/N/Ex, ATM/F/Ex type for Zone 0, 20, M1 with cable or metallic connector	 II 1G Ex ia IIC T3 ... T6 II 1D Ex ia IIIC IP6x T125°C...T80°C I M1 Ex ia I
ATM/Ex, ATM/N/Ex, ATM/F/Ex type for Zone 1, 2, 20, 21, 22, M2	 II 2G Ex ia IIC T3 ... T6 II 1D Ex ia IIIC IP6x T125°C...T80°C I M2 Ex ia I
ATM/NC/Ex type for Zone 1, 2, 20, 21, 22, M2	 II 2G Ex ia IIB T3 ... T6 II 1D Ex ia IIIC IP6x T125°C...T80°C I M2 Ex ia I



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