



(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 0106**

(4) Equipment: Data logger and interface
Types: DL/Ex, DL/N/Ex, DL/Ex-Interface

(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

(9) Compliance with the essential health and safety requirements has been assured by compliance with:

EN 1127-1:2007

EN 60079-0:2009

EN 60079-11:2007

EN 60079-26:2007

(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:

DL/Ex, DL/N/Ex:  **II 1/2G Ex ia IIC T4**

DL/Ex Interface:  **II (2)G [Ex ia] IIC**

Electrosuisse
Certification Body ATEX

Fehraltorf, 2011-03-10

Martin Plüss
Product Certification



page 1 of 2

Luppenstrasse 1
CH-8320 Fehraltorf

Tel. +41 44 956 11 11
Fax +41 44 956 11 22
info@electrosuisse.ch
www.electrosuisse.ch



(13)

Appendix

(14)

EC-Type Examination Certificate

(15) Description of the equipment

The data loggers DL/Ex and DL/N/Ex conform to RL 94/9/EC (ATEX 95) Appendix I Devices of the Equipment Group II Category 1/2G that RL 99/92/EC (ATEX 137) states may be used in Zones 1 and 2, and also in Gas Groups IIA, IIB and IIC, which are potentially explosive due to combustible substances in the temperature classes T1 to T4 (the pressure measuring head of the DL/Ex may be installed in the partition to Zone 0, the probe of the DL/N/Ex may be installed in Zone 0).

According to RL 94/9/EC (ATEX 95) Appendix I, the DL/Ex interface is an associated equipment that may be connected to the data logger. However, it must not itself be located in the zone. The ambient temperatures must be maintained as specified in the data sheet. The requirements of EN 60079-14 must be observed during use / installation.

(16) Test Report

10-IK-0235.01

(17) Special conditions for safe use

The data logger's battery may only be changed outside the Ex zone.

(18) Fundamental essential health and safety requirements

Fulfilled by the standards applied

Electrosuisse
Certification Body ATEX

Martin Plüss
Product Certification

Fehraltorf, 2011-03-10

page 2 of 2

Luppenstrasse 1
CH-8320 Fehraltorf

Tel. +41 44 956 11 11
Fax +41 44 956 11 22
info@electrosuisse.ch
www.electrosuisse.ch