



(1) **Conformity Statement**

- (2) Equipment or protective system intended for use in potentially explosive atmospheres - **Directive 2014/34/EU**
- (3) Certificate number: **SEV 15 ATEX 0125 X**
- (4) Product: Line type heat detector, Type: ADW 535HDx
- (5) Manufacturer: Securiton AG
- (6) Address: Alpenstrasse 20, 3052 Zollikofen, Switzerland
- (7) This product and any acceptable variation thereto are specified in the schedule to this certificate and the documents therein referred to.
- (8) Eurofins certifies that this product has been found to comply with the essential health and safety requirements relating to the design and construction of equipment and protective systems intended for use in potentially explosive atmospheres given in Annex II to Directive 2014/34/EU of the European parliament and of the Council, dated 26 February 2014.
The examination and test results are recorded in confidential report no. 20CH-01576.X02
- (9) Compliance with the essential health and safety requirements has been assured by compliance with:

EN IEC 60079-0:2018
EN IEC 60079-15:2019
EN IEC 60079-7:2015/A1:2018
EN 60079-31:2014
EN 60079-7:2015

Except in respect of those requirements listed at item 18 of the schedule.

- (10) If the sign «X» is placed after the certificate number, it indicates that the product is subjected to special conditions for safe use specified in the schedule to this certificate. The sign “U” is placed after the certificate number. It indicates that this certificate must not be mistaken for a certificate intended for an equipment or protective system. This partial certification may be used as a basis for certification of an equipment or protective system.
- (11) This Conformity Statement relates only to the design and construction of the specified product and not to specific items of product subsequently manufactured.
- (12) The marking of the product shall include the following:



Eurofins Electric & Electronic Product Testing AG
Notified Body ATEX

Martin Plüss
Product Certification

(13)

Appendix

(14)

Conformity Statement no. SEV 15 ATEX 0125 X

(15) **General product information**

The ADW 535HDx is a linear Heat Detector for detecting fire. For this purpose, temperature rises and the absolute temperature are recorded and evaluated.

The ADW 535HDx is composed of the evaluation unit and one or two sensor tubes. The sensor tube is made of copper (Cu), stainless steel (St) or Teflon (PTFE). The sensor tube is connected to the ground (earth) The ADW 535HDx is suitable for use in potentially explosive areas of zone 2 and 22.

Rating: 9 to 30 VDC

Classification of installation and use: stationary

Ingress protection: IP66

Rated ambient temperature range (°C): -20 °C to +70 °C

(16) **Report number**

20CH-01576.X02

(17) **Special conditions for safe use**

Cable:

- See at the instruction manual for cable size and wiring.
- The cables must also be secured against pulling and twisting.

Cable gland:

- The Cable entries type SKINTOP® K-M** ATEX plus *** and SKINTOP® KR-M** ATEX plus *** may only be used for non-armoured and non-braided cables and only for fixed installations.
- The Cable entries of the thread sizes M12, M16 and M20 must be installed and operated mechanically protected in accordance with IEC 60079-0, paragraph 26.4.2 due to the low risk of mechanical danger.
- The Sealing plugs type SKINTOP® SDV-M** ATEX plus *** respectively SKINTOP® SDVR-M** ATEX plus *** may only be used in combination with the appropriate Cable entry SKINTOP® K-M** ATEX plus *** and SKINTOP® KR-M** ATEX plus ***.

Plastic cap, reducer and amplifier

- The types with the higher temperature range should be used if the ambient temperature exceeds +55 °C.

(18) **Essential health and safety requirements**

In addition to the essential health and safety requirements (EHSRs) covered by the standards listed at item 9, the following are considered relevant to this product, and conformity is demonstrated in the report:

Clause	Subject
None	

(19) **Drawings and documents**

See Test Report "Manufacturer's Documents"