

CERTIFICATE

(1) EU-Type Examination

(2) **Equipment or protective systems intended for use in potentially explosive atmospheres - Directive 2014/34/EU**

(3) EU-Type Examination Certificate Number: **DEKRA 20ATEX0111 X** Issue Number: **0**

(4) Product: Vibrating Fork Type Level Switch, Type SVF-*00*****

(5) Manufacturer: Seojin Instech Co., Ltd.

(6) Address: 14, Duchon-daero 457beon-gil, Jungwon-gu, Seongnam-si, Gyeonggi-do, 13218, Republic of Korea

(7) This product and any acceptable variation thereto is specified in the schedule to this certificate and the documents therein referred to.

(8) DEKRA Certification B.V., Notified Body number 0344 in accordance with Article 17 of Directive 2014/34/EU of the European Parliament and of the Council, dated 26 February 2014, certifies that this product has been found to comply with the Essential Health and Safety Requirements relating to the design and construction of products intended for use in potentially explosive atmospheres given in Annex II to the Directive.

The examination and test results are recorded in confidential test report number NL/DEK/ExTR20.0067/00.

(9) Compliance with the Essential Health and Safety Requirements has been assured by compliance with:

EN IEC 60079-0 : 2018

EN 60079-1 : 2014

EN 60079-31 : 2014

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 subject to the Specific Conditions of Use specified in the schedule to this certificate.

(11) This EU-Type Examination Certificate relates only to the design and construction of the specified product. Further requirements of the Directive apply to the manufacturing process and supply of this product. These are not covered by this certificate.

(12) The marking of the product shall include the following:



II 2 G Ex db IIC T6...T3 Gb
II 2 D Ex tb IIIC T85 °C Db

Date of certification: 28 May 2021

DEKRA Certification B.V.

R. Schuller
Certification Manager

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(13) **SCHEDULE**

(14) **to EU-Type Examination Certificate DEKRA 20ATEX0111 X**

Issue No. **0**

(15) **Description**

Vibrating Fork Type Level Switch, Type SVF-*00***** is intended for measuring the level of the substances in fluid or solid process medium.

The enclosure provides a degree of protection of at least IP6X in accordance with EN 60529 and EN 60079-0.

For more information see Annex 1 to report No. NL/DEK/ExTR20.0067/00.

Installation instructions

The instructions provided with the product shall be followed in detail to assure safe operation.

(16) **Report Number**

No. NL/DEK/ExTR20.0067/00.

(17) **Specific conditions of use**

The flameproof joints are not intended to be repaired.
Electrostatic charging on the non-metallic parts shall be avoided.

(18) **Essential Health and Safety Requirements**

Covered by the standards listed at item (9).

(19) **Test documentation**

As listed in Report No. NL/DEK/ExTR20.0067/00.

(20) **Certificate history**

Issue 0 - project no. 510047900 initial certificate