

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 12ATEX0136X** Issue Number: **5**

(4) Product: **Electric Actuator, Series SR..X-..**

(5) Manufacturer: **NOAH ACTUATION Co., Ltd.**

(6) Address: **11, Jeongseojin9-ro, Seo-gu, Incheon, 22850 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/ExTR24.0029/00.

(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 ISO 80079-36 : 2016

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 h IIB T6...T4 Gb

Date of certification: 2 September 2024

DEKRA Certification B.V.

R. Schuller
Certification Manager



Throughout this document, a point is used as the decimal separator.

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(13) **SCHEDULE**

(14) **to EU-Type Examination Certificate DEKRA 12ATEX0136X** Issue No. 5

(15) **Description**

The Electric Actuators, Series SR..X-.. are designed for quarter turn operating applications such as ball, butterfly and plug valves, dampers and similar usages.

The top part of the Electric Actuator is an electrical part in type of protection flameproof enclosures "d". It contains an electric motor and control electronics.

The lower part of the Electric Actuator is a non-electrical part in type of protection flameproof enclosures which is marked "h", obtained by protection by flameproof enclosure "d". It contains a return spring, which is used for returning the valve position to its set open or close position in case of power stoppage.

For details about thermal data, electrical data and type designation see Annex 1 to Report No. NL/DEK/ExTR24.0029/00.

Installation instructions

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

(16) **Report Number**

NL/DEK/ExTR24.0029/00.

(17) **Specific conditions of use**

- For details on the flamepaths, the manufacturer shall be contacted.
- Fasteners with property class A2-50, A2-70 and 12.9 shall be used as shown in the instructions.

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

Covered by the standards listed at item (9).

(19) **Test documentation**

As listed in Report No. NL/DEK/ExTR24.0029/00.