

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 17ATEX0076 X** Issue Number: **0**

(4) Product: **Smart Valve Positioner, type KGP5**3-****.***

(5) Manufacturer: **NIHON KOSO Co., Ltd. KOSO ENGINEERING DIVISION**

(6) Address: **1-16-7, NIHOMBASHI, CHUO-KU, TOKYO, 103-0027, JAPAN**

(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/ExTR17.0043/00.

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

EN 60079-0 : 2012 + A11

EN 60079-1 : 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 Gb

Date of certification: 29 March 2019

DEKRA Certification B.V.

L.G. van Schie
Certification Manager

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(13) **SCHEDULE**

(14) **to EU-Type Examination Certificate DEKRA 17ATEX0076 X**

Issue No. **0**

(15) **Description**

Smart Valve Positioner, type KGP5**3-****-* is used to control a pneumatic actuator based on a 4 to 20 mA input signal and a mechanical feedback. It provides a local visual status indication and communication via HART7 protocol.

The scope of this report covers the electrical parts only.

Ambient temperature range -40 °C to +70 °C.

For details about the type designation and electrical data see Annex 1 to this certificate.

Installation instructions

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

(16) **Report Number**

No. NL/DEK/ExTR17.0043/00.

(17) **Specific conditions of use**

The flameproof joints are not intended to be repaired.

Fasteners with property class of at least A2-70 are used.

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

Covered by the standards listed at item (9).

(19) **Test documentation**

As listed in Report No. NL/DEK/ExTR17.0043/00.

(20) **Certificate history**

Issue 0 - 420122200 Initial certificate