



IECEX Certificate of Conformity

INTERNATIONAL ELECTROTECHNICAL COMMISSION IEC Certification Scheme for Explosive Atmospheres

for rules and details of the IECEx Scheme visit www.iecex.com

Certificate No.: IECEx DEK 17.0037X

Issue No: 0

Certificate history:

Issue No. 0 (2019-03-29)

Status: **Current**

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Date of Issue: **2019-03-29**

Applicant: **NIHON KOSO Co., Ltd. KOSO ENGINEERING DIVISION**
1-16-7, NIHOMBASHI, CHUO-KU, TOKYO, 103-0027
Japan

Equipment: **Smart Valve Positioner, type KGP5**3-****-***
Optional accessory:

Type of Protection: **Ex db**

Marking:
Ex db IIC T6 Gb

*Approved for issue on behalf of the IECEx
Certification Body:*

L.G. van Schie

Position:

Certification Manager

*Signature:
(for printed version)*

Date:

2019-03-29

1. This certificate and schedule may only be reproduced in full.
2. This certificate is not transferable and remains the property of the issuing body.
3. The Status and authenticity of this certificate may be verified by visiting the [Official IECEx Website](http://www.iecex.com).

Certificate issued by:

DEKRA Certification B.V.
Meander 1051,
6825 MJ Arnhem
The Netherlands





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Manufacturer: **NIHON KOSO Co., Ltd. KOSO ENGINEERING DIVISION**
1-16-7, NIHOMBASHI, CHUO-KU, TOKYO, 103-0027
Japan

Additional Manufacturing location(s):

NIHON KOSO Co.,Ltd. KOSO ENGINEERING DIVISION
51-1, SASAYAMA, KITAYOKOTA, SUKAGAWA-SHI, FUKUSHIMA, 962-0313
Japan

This certificate is issued as verification that a sample(s), representative of production, was assessed and tested and found to comply with the IEC Standard list below and that the manufacturer's quality system, relating to the Ex products covered by this certificate, was assessed and found to comply with the IECEx Quality system requirements. This certificate is granted subject to the conditions as set out in IECEx Scheme Rules, IECEx 02 and Operational Documents as amended.

STANDARDS:

The apparatus and any acceptable variations to it specified in the schedule of this certificate and the identified documents, was found to comply with the following standards:

IEC 60079-0 : 2011 Explosive atmospheres - Part 0: General requirements
Edition:6.0

IEC 60079-1 : 2014-06 Explosive atmospheres - Part 1: Equipment protection by flameproof enclosures "d"
Edition:7.0

*This Certificate **does not** indicate compliance with electrical safety and performance requirements other than those expressly included in the Standards listed above.*

TEST & ASSESSMENT REPORTS:

A sample(s) of the equipment listed has successfully met the examination and test requirements as recorded in

Test Report:

[NL/DEK/ExTR17.0043/00](#)

Quality Assessment Report:

[NL/DEK/QAR17.0019/00](#)



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Schedule

EQUIPMENT:

Equipment and systems covered by this certificate are as follows:

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.

SPECIFIC CONDITIONS OF USE: YES as shown below:

The flameproof joints are not intended to be repaired.
Fasteners with property class of at least A2-70 are used.

Annex:

[420122200-ExTR17.0043.00-Annex1.pdf](#)