



IECEX Certificate of Conformity

INTERNATIONAL ELECTROTECHNICAL COMMISSION IEC Certification System for Explosive Atmospheres

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

Certificate No.: **IECEX DEK 23.0033X** Page 1 of 3 [Certificate history:](#)
Status: **Current** Issue No: 0
Date of Issue: 2024-05-02
Applicant: **Kaneko Sangyo Co., Ltd.**
5-10-6 Shiba, Minato-ku, Tokyo 108-0014
Japan
Equipment: **Solenoid Valve, Type AP3 *-*.***_*******
Optional accessory:
Type of Protection: **Flameproof enclosures "db"**
Marking: **Ex db IIB + H₂ T6 Gb**

Approved for issue on behalf of the IECEx
Certification Body:

R. Schuller

Position:

Certification Manager

Signature:
(for printed version)

Date:
(for printed version)

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 www.iecex.com or use of this QR Code.



Certificate issued by:

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





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Page 2 of 3

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Manufacturer: **Kaneko Sangyo Co., Ltd.**
5-10-6 Shiba, Minato-ku, Tokyo 108-0014
Japan

Manufacturing
locations: **KANEKO SANGYO CO., LTD.**
Hiratsuka Factory
5-3-9 Higashiyawata
Hiratsuka-city
Kanagawa 254-0016
Japan

VIET NAM KANEKO CO., LTD.
Nhon Trach 3 Industrial Park,
Phase 2
Hiep Phuoc Town
Nhon Trach District
Dong Nai Province
Viet Nam

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 equipment 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 60079-0:2017](#) Explosive atmospheres - Part 0: Equipment - General requirements
Edition:7.0

[IEC 60079-1:2014](#) Explosive atmospheres - Part 1: Equipment protection by flameproof enclosures "d"
Edition:7.0

This Certificate **does not** indicate compliance with 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/ExTR23.0030/00](#)

Quality Assessment Reports:

[NL/DEK/QAR12.0058/07](#)

[NL/DEK/QAR22.0011/01](#)



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Page 3 of 3

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EQUIPMENT:

Equipment and systems covered by this Certificate are as follows:

Solenoid valve, Type AP3 *_**_***** is a 2 position and 3 or 5 port pneumatic solenoid valve and designed for operation of pneumatic actuators.

The Solenoid valve consists of a casing cover (aluminium or stainless steel), body (aluminium or stainless steel), dome glass (borosilicate or soda glass), glass shield (stainless steel), micro filters (stainless steel) and electronics with a non-replaceable secondary battery with a holder.

For more information about the nomenclature see Annex 1.

Ambient temperature range:

-20 °C to +46 °C for Type AP3*_**_*1***

-20 °C to +60 °C for Type AP3*_**_*g***

Electrical data

Solenoid supply:

24 Vdc, max. 0.142 A, max. 3.38 W or

90 to 100 Vdc, max. 0.025 A, max. 2.5 W

Communication circuit supply:

24 Vdc, max. 0.718 A

SPECIFIC CONDITIONS OF USE: YES as shown below:

- Precautions shall be taken to minimize the risk from electrostatic discharge of non-metallic parts.
- The flameproof joints are not intended to be repaired.
- The minimum yield stress of the special fasteners is 450 MPa.

Annex:

[420355500-Annex 1 to ExTR23.0030.00.pdf](#)