



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 24.0021X** Page 1 of 3 [Certificate history:](#)
Status: **Current** Issue No: 0
Date of Issue: 2024-07-10
Applicant: **RIKEN KEIKI Co., Ltd.**
2-7-6, Azusawa, Itabashi-ku,
Tokyo, 174-8744,
Japan
Equipment: **Gas Detector, Type GD-A80*****
Optional accessory:
Type of Protection: **Flameproof enclosures "d"**
Marking: Ex db IIC T4 Gb

Approved for issue on behalf of the IECEx
Certification Body:

R. Schuller

Position:

Certification Manager

Signature:
(for printed version)

Date:
(for printed version)

2024-07-10

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: **RIKEN KEIKI Co., Ltd.**
2-7-6, Azusawa,
Itabashi-ku, Tokyo, 174-8744,
Japan

Manufacturing locations: **RIKEN KEIKI NARA MFG. Co., Ltd.** **RIKEN KEIKI Co., Ltd.**
49-1, Abe, Sakurai-shi, 2-3, Minamisakae-cho,
Nara, 633-0054, Kasukabe-shi,
Japan Saitama, 344-0057,
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 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/ExTR24.0024/00](#)

Quality Assessment Reports:

[NL/DEK/QAR23.0010/01](#)

[NL/DEK/QAR23.0011/00](#)



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Page 3 of 3

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EQUIPMENT:

Equipment and systems covered by this Certificate are as follows:

Gas Detector, Type GD-A80*** is a fixed mount gas detector available with 4 different detection principles and with or without a suction chamber as laid down in the type designation.

The detector without suction chamber monitors the surrounding atmosphere.

The detector with a suction chamber is provided with process connections and monitors the connected atmosphere at atmospheric pressure and a temperature not exceeding the ambient temperature range.

The examination of the gas detector does not include a judgment of the functional performance of the apparatus

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

SPECIFIC CONDITIONS OF USE: YES as shown below:

- Fasteners from stainless steel property class A2-70 are used. The fasteners shall only be replaced with identical ones.
- The flameproof joints are not intended to be repaired.
- The unearthed conductive label has a capacitance of 5 nF. Suitability in the specific application shall be determined by the user.

Annex:

[228408600-ExTR24.0024.00-Annex1.pdf](#)