

Translation

Type Examination Certificate

- Gas detectors -

PFG 21 G 001 X

Equipment: OX-04

Manufacturer: RIKEN KEIKI Co., Ltd.

Address: 2-7-6, Azusawa, Itabashi-ku, Tokyo, 174-8744, Japan

The certification body of DEKRA Testing and Certification GmbH certifies that this equipment has been found to comply with the requirements of the standards

EN 50104:2019

EN 50271:2018

with regard to the measuring function for

- oxygen (measurement of oxygen deficiency and enrichment) in the measuring range 0 - 25 % (v/v)

On the basis of DIN EN ISO/IEC 17065, this certification includes a type examination. The examination and test results and the design of the equipment are recorded in the test report PFG-Nr. 41300221P.

If the sign "X" is placed after the certificate number, it indicates that the equipment is subject to special conditions for safe use specified in the annex to this certificate.

The manufacturer declares the conformity of the manufactured products with the certified design by marking them with the number of this type examination certificate.

DEKRA Testing and Certification GmbH

Bochum, dated 2023-03-22

Signed: Dr. Krökel

Managing Director

Appendix to

Type Examination Certificate

PFG 21 G 001 X

Description of the gas detector

The gas detection apparatus type OX-04 is portable equipment for the measurement of oxygen. Primary batteries or rechargeable NiMH-batteries serve as power supply.

Type of protection

see DEKRA 19ATEX0097 Issue 1

Special conditions for use

- Set the parameter "BEEP.SEL" to "LED+BUZ" and the parameter "BEEP.INT" to 0.5 min or 1 min.
- Enable the User password.

Additional Information

- This type examination certificate covers:
 - equipment with software version 6838
 - the measurement of oxygen (measurement of oxygen deficiency and enrichment) in the measuring range 0 - 25 %(v/v) with the electrochemical sensor ESR-X13P
 - use of the following outputs for safety relevant purposes:
 - display
 - visual and audible indicators
 - use of the following accessories:
 - Primary batteries Duracell MN2400 and PC2400
 - NiMH-batteries Panasonic eneloop BK-4MCC
 - Calibration adapter (part-no. 4123 6417 8)
- The type examination includes the following deviations from the operating conditions required by EN 50104:
 - extended range of temperature at operation: -20 °C to +50 °C
 - extended range of humidity of the measured gas (short time): 0 %RH to 95 %RH
 - extended range of humidity of the measured gas (continuous use): 10 %RH to 90 %RH

We confirm the correctness of the translation from the German original.
In the case of arbitration only the German wording shall be valid and binding.

DEKRA Testing and Certification GmbH
Bochum, 2023-03-22



Managing Director

Translation
2nd Supplement
to the Type Examination Certificate
- Gas detectors -
PFG 21 G 001 X

replaces the 1st supplement to PFG 21 G 001 X

Equipment: OX-04

Manufacturer: RIKEN KEIKI Co., Ltd.

Address: 2-7-6, Azusawa, Itabashi-ku, Tokyo, 174-8744, Japan

The certification body of DEKRA Testing and Certification GmbH certifies that this equipment has been found to comply with the requirements of the standards

EN 50104:2019 + A1:2023
EN 50271:2018

with regard to the measuring function for

- oxygen (measurement of oxygen deficiency and enrichment) in the measuring range 0 - 25 % (v/v)

On the basis of DIN EN ISO/IEC 17065, this certification includes a type examination. The examination and test results and the design of the equipment are recorded in the test report PFG-Nr. 413000221P NI.

If the sign "X" is placed after the certificate number, it indicates that the equipment is subject to special conditions for safe use specified in the annex to this certificate.

The manufacturer declares the conformity of the manufactured products with the certified design by marking them with the number of this type examination certificate.

DEKRA Testing and Certification GmbH

Bochum, dated 2025-03-03

Signed: Brumm

Managing Director

Appendix to

2nd Supplement to the Type Examination Certificate

PFG 21 G 001 X

Description of the gas detector

The gas detection apparatus type OX-04 is portable equipment for the measurement of oxygen. Primary batteries or rechargeable Ni-MH-batteries serve as power supply.

Reason for the supplement:

Modifications to the Software and to the hardware.

Type of protection

see DEKRA 19ATEX0097 Issue Number 3

Special conditions for use

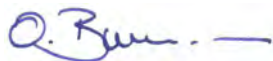
- Set the parameter "BEEP.SEL" to "LED+BUZ" and the parameter "BEEP.INT" to 0.5 min or 1 min.
- Enable the User password.

Additional Information

- This type examination certificate covers:
 - equipment with software version 6838, and 7629
 - the measurement of oxygen (measurement of oxygen deficiency and enrichment) in the measuring range 0 - 25 %(v/v) with the electrochemical sensor ESR-X13P
 - use of the following outputs for safety relevant purposes:
 - display
 - visual and audible indicators
 - use of the following accessories:
 - Primary batteries Duracell MN2400 and PC2400
 - Ni-MH-batteries Panasonic eneloop BK-4MCC, and BK-4MCD
 - Calibration adapter (part-no. 4123 9694 70)
- The type examination includes the following deviations from the operating conditions required by EN 50104:
 - extended range of temperature at operation: -20 °C to +50 °C
 - extended range of humidity of the measured gas (short time): 0 %RH to 95 %RH
 - extended range of humidity of the measured gas (continuous use): 10 %RH to 90 %RH

We confirm the correctness of the translation from the German original.
In the case of arbitration only the German wording shall be valid and binding.

DEKRA Testing and Certification GmbH
Bochum, 2025-03-03

A handwritten signature in blue ink, appearing to read 'Q. Bunn'.

Managing Director