



# EU-Declaration of Conformity

Document No. 320CE24039



We, RIKEN KEIKI Co., Ltd. 2-7-6, Azusawa, Itabashi-ku, Tokyo, 174-8744, Japan declare under our sole responsibility that the following product conforms to all the relevant provisions.

Product Name Optical Interferometric Gas Concentration Meter  
Model FI-8000

Council Directives	Applicable Standards
EMC Directive (2014/30/EU)	EN 50270:2015
ATEX Directive (2014/34/EU)	EN IEC 60079-0:2018 EN 60079-11:2012
BATTERY Regulation ((EU)2023/1542)	-
RoHS Directive (2011/65/EU[1])	EN IEC 63000:2018


<sup>[1]</sup>Including substances added by Commission Delegated Directive (EU) 2015/863

EU-Type examination Certificate No. DEKRA 24ATEX0013

Notified Body for ATEX DEKRA Certification B.V. (NB 0344)  
Meander 1051, 6825 MJ Arnhem  
P.O. Box 5185, 6802 ED Arnhem  
The Netherlands

Auditing Organization for ATEX DEKRA Certification B.V. (NB 0344)  
Meander 1051, 6825 MJ Arnhem  
P.O. Box 5185, 6802 ED Arnhem  
The Netherlands

The marking of the product shall include the following:

 II 1 G Ex ia IIC T4...T3 Ga -20°C ≤ Ta ≤ +50°C

Alternative Marking: •T4:battery type:BUL-8000 or BUD-8000 with LR6T(JE)  
(TOSHIBA)  
•T3:battery type:BUD-8000 with MN1500 (Duracell)

Place: Tokyo, Japan

Date: Jul. 1, 2024

Takakura Toshiyuki  
General manager  
Quality Control Center