



**Honeywell**

## EU Declaration of Conformity

*In accordance with EN ISO / IEC 17050-1:2010*

### Fixed Gas Detector (FGM-6a00b)

**Declaration Number:** 2004Y0149\_01

**Description:** Fixed gas detector

**Model Number**

**Designation:** “a” indicates sensor type, includes 1(LEL), 2 (NDIR) and 3 (EC);  
“b” indicates material of main housing, includes S (stainless steel) and blank (aluminum alloy)

**Intended Use:** Monitors the threat of gases in hazardous locations

**Manufacturer:** RAE Systems by Honeywell  
No.990 East HuiWang Road, JiaDing District, Shanghai 201815.P.R.China

**Trading Company:** Life Safety Distribution GmbH  
Javastrasse 2, 8604 Hegnau, Switzerland

We hereby declare that the product identified above meets the requirements of the following EU Directives and therefore qualifies for free movement within markets comprising the European Union (EU) and the European Economic Area (EEA). This declaration is issued under the sole responsibility of the manufacturer.

### ATEX Directive 2014/34/EU

**ATEX Hazardous**

**Notified Body:** CML B.V, Hoogoorddreef 15, Amsterdam, 1101 BA, Netherlands

**Notified Body Number:** 2776

**EC Certificate Number:** CML 19ATEX1375X

Conforms to:

EN IEC 60079-0:2018

Explosive atmospheres. General requirements

EN 60079-1:2014


Explosive atmospheres. Equipment protection by flameproof enclosures “d”

EN 60079-11:2012


Explosive atmospheres. Equipment protection by intrinsic safety “i”

**Type Approval:**

**FGM-6100 and FGM-6200**

 II 2 G  
Ex db IIC T6 Gb  
Ta= -40°C ≤Ta ≤ +65°C

**FGM-6300**

 II 2 G  
Ex db ia IIC T6 Gb  
Ta= -20°C ≤Ta ≤ +55°C



**Production Quality Assurance**

**Notified Body:**

DNV GL Nemko Presafe AS  
Veritasveien 3 1363 Høvik, Norway

**Notified Body Number:**

2460

**QA Notification Number:**

Presafe 16 ATEX 7788Q

Conforms to:

EN ISO/IEC 80079-34:2011

Explosive atmospheres. Application of quality systems for equipment manufacture

**EMC Directive 2014/30/EU**

Conforms to:

EN 50270:2015

Electromagnetic compatibility - Electrical apparatus for the detection and measurement of combustible gases, toxic gases or oxygen

**RoHS Directive 2011/65/EU**

Consideration given to:

EN 50581:2012

Technical documentation for the assessment of electrical and electronic products with respect to the restriction of hazardous substances

**Signature:**

**Name:**

John Zhou  
*Quality Leader*

**Date:** 19<sup>th</sup> September 2019

*For and on behalf of*

**RAE Systems by Honeywell**

No.990 East HuiWang Road, JiaDing District, Shanghai 201815.P.R.China