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

FGM-6100

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

FGM-6200

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

FGM-6300

Ex 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  
**Date:** 19<sup>th</sup> September 2019  
**Quality Leader**

**For and on behalf of** RAE Systems by Honeywell  
No.990 East HuiWang Road, JiaDing District, Shanghai 201815.P.R.China