



**Honeywell**

## EU Declaration of Conformity

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

### **SEARCHPOINT OPTIMA PLUS, OPTIMA X and OPTIMA Z (with and without HART® option)**

**Declaration Number:** 2004Y0001\_20

**Description:** Infrared hydrocarbon gas detector  
**Intended Use:** Gas detection in potentially explosive atmospheres

**Manufacturer:** Honeywell Analytics Limited  
Hatch Pond House, 4 Stinsford Road, Poole, Dorset. BH17 0RZ United Kingdom

**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.

#### **EMC Directive 2014/30/EU**

Conforms to:  
EN 50270:2015 Electromagnetic compatibility. Electrical apparatus for the detection and measurement of combustible gases, toxic gases and 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

#### **ATEX Directive 2014/34/EU**

##### **ATEX Hazardous**

**Notified Body:** SGS Baseefa Limited  
Rockhead Business Park, Staden Lane, Buxton, Derbyshire, SK17 9RZ.

**Notified Body Number:** 1180

**EC Certificate Number:** Baseefa13ATEX0296X

Conforms to:  
EN 60079-0:2012+A11:2013\* Explosive atmospheres. General requirements  
EN 60079-1:2007 Explosive atmospheres. Equipment protection by flameproof enclosures "d"  
EN 60079-28:2007 Explosive atmospheres. Protection of equipment and transmission systems using optical radiation  
EN 60079-31:2014 Explosive atmospheres. Equipment dust ignition protection by enclosure 't'

**Type Approval:**  II 2 GD Ex d op is IIC Gb Ex tb IIIC Db  
T86°C (Ta -40°C to +55°C) T96°C (Ta -40°C to +65°C)

\* There are no significant changes relevant to the product between EN 60079-0:2012 and EN 60079-0:2012+A11:2013, therefore SGS Baseefa certification remains current.



### **ATEX Measuring Function**

**Notified Body:**

Dekra Exam GmbH  
Dinnendahlstrasse 9, 44809 Bochum. Germany

**Notified Body Number:**

0158

**EC Certificate Number:**

BVS 03ATEX G 016

Conforms to:

EN 60079-29:2007

Explosive atmospheres. Gas Detectors. Performance requirements of detectors for flammable gases

EN 50271:2010

Electrical apparatus for the detection and measurement of combustible gases, toxic gases and oxygen. Requirements and tests for apparatus using software and/or digital technologies

### **Production Quality Assurance**

**Notified Body:**

Sira Certification Service (CSA Group)  
Unit 6, Hawarden Industrial Park, Hawarden, Deeside CH5 3US

**Notified Body Number:**

0518

**QA Notification Number:**

Sira 11 ATEX M518

Conforms to:

EN ISO/IEC 80079-34:2011

Explosive atmospheres. Application of quality systems for equipment manufacture

### **Marine Equipment Directive 2014/90/EU**

**Notified Body:**

Bureau Veritas  
Suite 1, Keel House, Tyne Dock, South Shields, Tyne & Wear NE34 9BY  
2690

**Notified Body Number:**

2690

**Module D**

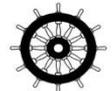
**Certificate Number:**

SMS.MED2.D/52323/B.1

**Module B** *Directive 96/98/EC as amended by 2015/559EU*

**Certificate Number:**

18830/A2 EC



2690/18

Conforms to:

EN 60945:2002

Maritime navigation and radio communication equipment and systems. General requirements. Methods of testing and required test results

IEC 60092-504:2001

Electrical Installation in ships. Special features. Control and instrumentation

IEC 60533:2015

Electrical and electronic installations in ships. Electromagnetic compatibility

EN 60079-29-1:2007

Explosive atmospheres. Gas Detectors. Performance requirements of detectors for flammable gases

**Signature:**

**Name:**

Richard King  
*EMEA Regulatory Group Leader*

**Date:** 1<sup>st</sup> January 2018

*For and on behalf of*

**Honeywell Analytics Limited**  
Hatchpond House, 4 Stinsford Road, Poole, Dorset. BH17 0RZ United Kingdom