



## 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\_24

**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 Fimko OY  
P.O. Box 30 (Sarkiniementie 3), 00211 Helsinki, Finland.

**Notified Body Number:** 0598

**EC Certificate Number:** Baseefa13ATEX0296X/3

Conforms to:  
EN IEC 60079-0:2018 Explosive atmospheres - Part 0: Equipment - General requirements  
EN 60079-1:2014 Explosive atmospheres - Part 1: Equipment protection by flameproof enclosures "d"  
EN 60079-28:2015 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 db op is IIC 86°C/96°C Gb  
Ex tb IIIC T86°C/T96°C Db  
(Ta -40°C to +55°C/65°C)



### **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 60079-29-1:2007

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:**

CSA Group Netherlands  
Utrechtseweg 310, Building B42, 6812 AR ARNHEM, Nederland

**Notified Body Number:**

2813

**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  
8, Cours Du Triangle, 92937 Paris La Défense CEDX, France

**Notified Body Number:**

2690

**Module D**

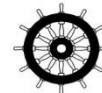
**Certificate Number:**

SMS.MED2.D/52323/C.0

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

**Certificate Number:**

18830/C0 MED



2690/xx (xx = year of manufacture)

Conforms to:

IEC 60092-504:2016

Electrical installations in ships – Part 504: Automation, control and instrumentation

IEC 60533:2015

Electrical and electronic installations in ships – Electromagnetic compatibility (EMC) – Ships with a metallic hull

EN 50104:2010

Electrical apparatus for the detection and measurement of oxygen - Performance requirements and test methods

EN 60079-29-1:2016

Explosive atmospheres. Gas Detectors. Performance requirements of detectors for flammable gases Explosive atmospheres - Part 29-1: Gas detectors - Performance requirements of detectors for flammable gases

EN 60079-0:2012/A11:2013

Explosive atmospheres - Part 0: Equipment - General requirements

### **Signature:**

**Name:**

**Richard King**  
**Regulatory Group Leader**

**Date:** 15<sup>th</sup> October 2019

*For and on behalf of*

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



## Annex A

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

#### ATEX Directive 2014/34/EU

EN IEC 60079-0:2018	Baseefa13ATEX0296X/03 GB/BAS/ExTR.14.0253/00	16 <sup>th</sup> Jan 2019	SGS Baseefa
IEC 60079-1:2014	Baseefa13ATEX0296X/03 GB/BAS/ExTR.14.0253/00	16 <sup>th</sup> Jan 2019	SGS Baseefa
EN 60079-28:2015	Baseefa13ATEX0296X/03 GB/BAS/ExTR.14.0253/00	16 <sup>th</sup> Jan 2019	SGS Baseefa
EN 60079-31:2014	Baseefa13ATEX0296X/03 GB/BAS/ExTR.14.0253/00	16 <sup>th</sup> Jan 2019	SGS Baseefa

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

##### MED-D

##### MED-B Directive 96/98/EC as amended by Directive 2015/559/EU

IEC 60092-504:2016	18830/CO MED	18 <sup>th</sup> June 2019	Bureau Veritas
IEC 60533:2015	18830/CO MED	18 <sup>th</sup> June 2019	Bureau Veritas
EN 50104:2010	18830/CO MED	18 <sup>th</sup> June 2019	Bureau Veritas
EN 60079-29-1:2016	18830/CO MED	18 <sup>th</sup> June 2019	Bureau Veritas
EN 60079-0:2012/A11:2013	18830/CO MED	18 <sup>th</sup> June 2019	Bureau Veritas

#### EMC Directive 2014/30/EU

EN 50270:2015	EMC Test Report No. 12J279 CR Iss#1	16 <sup>th</sup> Aug 2017	Hursley EMC Services
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