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_27

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, Z.A. La Piece 16, 1180 Rolle, 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: SGS Fimko OY
P.O. Box 30 (Sarkiniementie 3), 00211 Helsinki, Finland.

Notified Body Number: 0598

EC Certificate Number: Baseefa13ATEX0296X

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
IEC 60079-31:2013	Explosive atmospheres. Equipment dust ignition protection by enclosure ‘t’

Type Approval: Ⓔx II 2 GD — Ex db op is IIC 86°C/96°C Gb
Ex tb IIIC T86ºC/T96ºC Db
(Ta -40ºC to +55ºC/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 60079-29-1:2016	Explosive atmospheres. Gas Detectors. Performance requirements of detectors for flammable gases
EN 50271:2018	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

Honeywell

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:

ISO/IEC 80079-34:2018 — Explosive atmospheres - Part 34: Application of quality management systems for Ex Product 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*** 2690/22

Certificate Number: 18830/C0 MED

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 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 IEC 60079-0:2018	Explosive atmospheres - Part 0: Equipment - General requirements

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 2015/863/EU

Consideration given to:

EN IEC 63000:2018 — Technical documentation for the assessment of electrical and electronic products with respect to the restriction of hazardous substances

Signature: Richard King

Name: **Richard King**
Senior Quality Engineer

Date: 19th May 2022

For and on behalf of **Honeywell Analytics Limited**
Hatchpond House, 4 Stinsford Road, Poole, Dorset. BH17 0RZ United Kingdom

UK 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_27

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**, Z.A. La Piece 16, 1180 Rolle, Switzerland

We hereby declare that the product identified above meets the requirements of the following UK Directives. This declaration is issued under the sole responsibility of the manufacturer.

Product or Protective System Intended for use in Potentially Explosive Atmospheres UKSI 2016:1107

UKEX Hazardous

Approved Body: SGS Baseefa Ltd, Rockhead Business Park, Staden Land, Buxton, Derbyshire, SK17 9RZ
Approved Body Number: 1180
UK Certificate Number: BAS21UKEX0031X

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
IEC 60079-31:2013	Explosive atmospheres. Equipment dust ignition protection by enclosure ‘t’

Type Approval: Ⓔx II 2 GD Ex db op is IIC 86°C/96°C Gb
Ex tb IIIC T86ºC/T96ºC Db
(Ta -40ºC to +55ºC/65°C)

Production Quality Assurance

Notified Body: CSA Group Testing UK Ltd, Unit 6, Hawarden Industrial Park, CH5 3US Hawarden, Flintshire, Wales
Notified Body Number: 0518
QA Notification Number: CSAE 21 UKQAN 0042

Conforms to:

IEC 80079-34:2018	Explosive atmospheres. Application of quality systems for equipment manufacture

Electromagnetic Compatibility Regulations 2016

Conforms to:

EN 50270:2015	Electromagnetic compatibility - Electrical apparatus for the detection and measurement of combustible gases, toxic gases or oxygen

The Restriction of the Use of Certain Hazardous Substances in Electrical and Electronic Equipment Regulations 2012

Consideration given to:

EN IEC 63000:2018	Technical documentation for the assessment of electrical and electronic products with respect to the restriction of hazardous substances

Signature:

Name: **Richard King**
Senior Quality Engineer

Date: 19th May 2022

For and on behalf of: *Honeywell Analytics Limited, Hatch Pond 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 and
Product or Protective System Intended for use in Potentially Explosive Atmospheres UKSI 2016:1107

EN IEC 60079-0:2018	Baseefa13ATEX0296X/05 BAS21UKEX0031X/00	8th Nov 2021 31st March 2022	SGS
IEC 60079-1:2014	Baseefa13ATEX0296X/05 BAS21UKEX0031X/00	8th Nov 2021 31st March 2022	SGS
EN 60079-28:2015	Baseefa13ATEX0296X/05 BAS21UKEX0031X/00	8th Nov 2021 31st March 2022	SGS
EN 60079-31:2014	Baseefa13ATEX0296X/05 BAS21UKEX0031X/00	8th Nov 2021 31st March 2022	SGS
EN 60079-29-1:2016	BVS 03ATEX G 016/12	21st September 2021	Dekra
EN 50271:2018	BVS 03ATEX G 016/12	21st September 2021	Dekra

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	18th June 2019	Bureau Veritas
IEC 60533:2015	18830/CO MED	18th June 2019	Bureau Veritas
EN 60079-29-1:2016	18830/CO MED	18th June 2019	Bureau Veritas
EN 60079-0:2012/A11:2013	18830/CO MED	18th June 2019	Bureau Veritas

EMC Directive 2014/30/EU

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

RoHS Directive 2015/863/EU

EN IEC 63000:2018	Shared\Engineering\Projects\General - RoHS Conversions\ROHS-3_Poole	27th January 2021	Self-declared