



Honeywell

EU Declaration of Conformity

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

SEARCHLINE EXCEL

Declaration Number: 2004Y0052_05

Description: Infrared hydrocarbon open path 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.

SHORT RANGE SYSTEM

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: BAS98ATEX2165X


Conforms to:

EN 60079-0:2012/A11:2013	Explosive atmospheres. General requirements
EN 60079-1:2014	Explosive atmospheres. Equipment protection by flameproof enclosures "d"
EN 60079-28:2015	Explosive atmospheres. Protection of equipment and transmission systems using optical radiation

Transmitter

Type Approval:  II 2G Ex db op is IIC T6 Gb ($T_{amb} = -40^{\circ}\text{C}$ to $+40^{\circ}\text{C}$) or
Ex db op is IIC T5 Gb ($T_{amb} = -40^{\circ}\text{C}$ to $+65^{\circ}\text{C}$)

Receiver

Type Approval:  II 2G Ex db IIC T6 Gb ($T_{amb} = -40^{\circ}\text{C}$ to $+40^{\circ}\text{C}$) or
Ex db IIC T5 Gb ($T_{amb} = -40^{\circ}\text{C}$ to $+65^{\circ}\text{C}$)



MEDIUM AND LONG RANGE SYSTEM

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: BAS98ATEX2299 (Transmitter)
BAS98ATEX2165 (Transmitter and Receiver)

Conforms to:
EN 60079-0:2012/A11:2013 Explosive atmospheres. General requirements
EN 60079-1:2014 Explosive atmospheres. Equipment protection by flameproof enclosures "d"
EN 60079-28:2015 Explosive atmospheres. Protection of equipment and transmission systems using optical radiation

Transmitter

Type Approval:  II 2G Ex db op is IIC T6 Gb ($T_{amb} = -40^{\circ}\text{C}$ to $+40^{\circ}\text{C}$) or
Ex db op is IIC T5 Gb ($T_{amb} = -40^{\circ}\text{C}$ to $+65^{\circ}\text{C}$)

Receiver

Type Approval:  II 2G Ex db IIC T6 Gb ($T_{amb} = -40^{\circ}\text{C}$ to $+40^{\circ}\text{C}$) or
Ex db IIC T5 Gb ($T_{amb} = -40^{\circ}\text{C}$ to $+65^{\circ}\text{C}$)

CROSS DUCT MOUNTING SYSTEM

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: BAS98ATEX2165X

Conforms to:
EN 60079-0:2012/A11:2013 Explosive atmospheres. General requirements
EN 60079-1:2014 Explosive atmospheres. Equipment protection by flameproof enclosures "d"
EN 60079-28:2015 Explosive atmospheres. Protection of equipment and transmission systems using optical radiation

Transmitter

Type Approval:  II 2G Ex db op is IIC T6 Gb ($T_{amb} = -40^{\circ}\text{C}$ to $+40^{\circ}\text{C}$) or
Ex db op is IIC T5 Gb ($T_{amb} = -40^{\circ}\text{C}$ to $+65^{\circ}\text{C}$)

Receiver

Type Approval:  II 2G Ex db IIC T6 Gb ($T_{amb} = -40^{\circ}\text{C}$ to $+40^{\circ}\text{C}$) or
Ex db IIC T5 Gb ($T_{amb} = -40^{\circ}\text{C}$ to $+65^{\circ}\text{C}$)



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:
IEC 80079-34:2018 Explosive atmospheres - Part 34: Application of quality management systems for Ex Product 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 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:

Name: Richard King
Senior Quality Engineer

Date: 4th February 2021

For and on behalf of

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



Annex A

SEARCHLINE EXCEL

SHORT RANGE TRANSMITTER AND RECEIVER

ATEX Directive 2014/34/EU

EN 60079-0:2012 +A11:2013	BAS98ATEX2165X/11 GB/BAS/ExTR.15.0327/00	17 th Feb 2016	SGS Baseefa
EN 60079-1:2007	BAS98ATEX2165X/11 GB/BAS/ExTR.15.0327/00	17 th Feb 2016	SGS Baseefa
EN 60079-28:2007	BAS98ATEX2165X/11 GB/BAS/ExTR.15.0327/00	17 th Feb 2016	SGS Baseefa

LONG RANGE TRANSMITTER

ATEX Directive 2014/34/EU

EN 60079-0:2012 +A11:2013	BAS98ATEX2299X/09 GB/BAS/ExTR.15.0327/00	17 th Feb 2016	SGS Baseefa
EN 60079-1:2014	BAS98ATEX2299X/09 GB/BAS/ExTR.15.0327/00	17 th Feb 2016	SGS Baseefa
EN 60079-28:2015	BAS98ATEX2299X/09 GB/BAS/ExTR.15.0327/00	17 th Feb 2016	SGS Baseefa

EMC Directive 2014/30/EU

EN 50270:2006	EMC Test Report No. 09 A212 CR	14 th Dec 2009	Hursley EMC Services
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RoHS Directive 2015/863/EU

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