



EU Declaration of Conformity

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

BW ICON, BW ICON+, BW Flex-I, BW Flex4, BW Flex5

Declaration Number: 2004Y0151_04

Description: Portable Gas Detector
Intended Use: Monitoring of gas in potentially explosive atmospheres

Manufacturer: **Honeywell Analytics Limited**, Hatch Pond House, 4 Stinsford Road, Nuffield Estate, Poole Dorset BH17 0RZ UK

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: CSA Group Netherlands B.V. Utrechtseweg 310, Building B42, 6812AR, Netherlands.
Notified Body Number: 2813
EC Certificate Number: Sira 20ATEX2012X

Conforms to:

EN IEC 60079-0:2018	Explosive atmospheres - Part 0: Equipment - General requirements
EN 60079-11:2012	Explosive atmospheres - Part 11: Equipment protection by intrinsic safety "i"
EN 60079-28:2015	Explosive atmospheres - Part 28 - Protection of equipment and transmission systems using optical radiation
EN 60079-1:2014	Explosive atmospheres - Part 1: Equipment protection by flameproof enclosures "d"
EN 60079-26:2015	Explosive atmospheres - Part 26: Equipment with equipment protection level (EPL) Ga



	<u>BW Icon & BW Icon+</u>	<u>BW Icon & BW Icon+</u>
Type Approval: 	I M1 Ex ia I Ma	II 1G Ex ia IIC T4 Ga
	With NDIR Sensor:	With NDIR Sensor:
	Ex ia op is I Ma	Ex ia op is IIC T4 Ga
	Ta = -40°C to +60°C	Ta = -40°C to +60°C





BW Flex-I, BW Flex4 & BW Flex5

Type Approval:  I M1 Ex ia I Ma  II 1G Ex ia IIC T4 Ga

With NDIR Sensor

 I M1 Ex ia op is I Ma  II 1G Ex ia op is IIC T4 Ga

With LEL Sensor

 I M1 Ex da ia I Ma  II 1G Ex da ia IIC T4 Ga

With NDIR & LEL Sensor

 I M1 Ex da ia op is I Ma  II 1G Ex da ia op is IIC T4 Ga

Ta = -40°C to +60°C for all models

ATEX Measuring Function

Notified Body: Physical-Technical Testing Institute, s.p., Pikartská 1337/7, 716 07 Ostrava
– Radvanice, Czech Republic

Notified Body Number: 1026

EC Certificate Number: FTZU 22 ATEX 0031X

BW Flex-I, BW Flex4, BW Flex5

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

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



Radio Equipment Directive 2014/53/EU

Conforms to:

EN 62479:2010	Assessment of the compliance of low power electronic and electrical equipment with the basic restrictions related to human exposure to electromagnetic fields (10 MHz to 300 GHz)
EN 50663:2017	Generic standard for assessment of low power electronic and electrical equipment related to human exposure restrictions for electromagnetic fields (10 MHz - 300 GHz)
EN 50270:2015	Electromagnetic compatibility - Electrical apparatus for the detection and measurement of combustible gases, toxic gases or oxygen
EN 301 489-1 V2.2.3	Electromagnetic Compatibility (EMC) standard for radio equipment and services; Part 1: Common technical requirements; Harmonised Standard for Electromagnetic Compatibility
EN 300 328 V2.1.1	Wideband transmission systems; Data transmission equipment operating in the 2,4 GHz ISM band and using wide band modulation techniques; Harmonised Standard covering the essential requirements of article 3.2 of Directive 2014/53/EU

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
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Signature:

Richard King

Name:

Richard King
Senior Quality Engineer

Date: 23rd January 2023

For and on behalf of:

Honeywell Analytics Limited, Hatch Pond House, 4 Stinsford Road, Nuffield Estate, Poole,
Dorset, BH17 0RZ, UK