IECEx Certificate of Conformity

INTERNATIONAL ELECTROTECHNICAL COMMISSION
IEC Certification Scheme for Explosive Atmospheres

for rules and details of the IECEx Scheme visit www.iecex.com

Certificate No.: IECEx SIR 18.0075X

Issue No: 0

Certificate history:
Issue No. 0 (2019-01-23)

Status: **Current**

Date of Issue: **2019-01-23**

Applicant: **Honeywell Analytics Asia Pacific Co Ltd**
7F Sangam IT Tower,
434 Worldcup buk-ro, Mapo-gu,
Seoul, 03992
Korea, Republic of

Equipment: **Multi Gas Detector BW Clip4, Part No. BWC4**

Optional accessory:

Type of Protection: **Intrinsically Safe**

Marking:
Ex ia IIC T4 Ga
Ta = -40°C to +55°C

Approved for issue on behalf of the IECEx Certification Body: R A Craig on behalf of C Ellaby

Position: Deputy Certification Manager

Signature:
(for printed version)

Date: 2019-01-23

1. This certificate and schedule may only be reproduced in full.
2. This certificate is not transferable and remains the property of the issuing body.
3. The Status and authenticity of this certificate may be verified by visiting the Official IECEx Website.

Certificate issued by:

SIRA Certification Service
CSA Group
Unit 6, Hawarden Industrial Park
Hawarden, Deeside, CH5 3US
United Kingdom

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Manufacturer:	**Honeywell Analytics Asia Pacific Co Ltd** 28, 2 gongdan 2-ro, Seobuk-gu, Cheonan-si, Chungcheongnam-do, 31075 **Korea, Republic of**	

Additional Manufacturing location(s):

This certificate is issued as verification that a sample(s), representative of production, was assessed and tested and found to comply with the IEC Standard list below and that the manufacturer's quality system, relating to the Ex products covered by this certificate, was assessed and found to comply with the IECEx Quality system requirements. This certificate is granted subject to the conditions as set out in IECEx Scheme Rules, IECEx 02 and Operational Documents as amended.

STANDARDS:

The apparatus and any acceptable variations to it specified in the schedule of this certificate and the identified documents, was found to comply with the following standards:

IEC 60079-0 : 2017 Edition:7.0	Explosive atmospheres - Part 0: Equipment - General requirements
IEC 60079-11 : 2011 Edition:6.0	Explosive atmospheres - Part 11: Equipment protection by intrinsic safety "i"
IEC 60079-28 : 2015 Edition:2	Explosive atmospheres - Part 28: Protection of equipment and transmission systems using optical radiation

*This Certificate **does not** indicate compliance with electrical safety and performance requirements other than those expressly included in the Standards listed above.*

TEST & ASSESSMENT REPORTS:

A sample(s) of the equipment listed has successfully met the examination and test requirements as recorded in

Test Report:

GB/SIR/ExTR19.0012/00

Quality Assessment Report:

NL/DEK/QAR12.0080/04

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Schedule

EQUIPMENT:

Equipment and systems covered by this certificate are as follows:

Multi Gas Detector BW Clip 4 is a portable battery operated gas detector, designed to detect elevated levels of combustible and toxic gas (CO and H_2S) as well as oxygen deficiency. The device provides audible and visual signals when predetermined levels of these gases have been reached. The device is powered by two (series-connected) Li-FeS_2 batteries which are both non-rechargeable and non-replaceable, and is intended to be a disposable unit.

Nomenclature:

Part No. BWC4, followed by –Y or –B, followed by any letter (where –Y or –B represents enclosure colour Yellow or Block, where the suffix letter represents country code)

SPECIFIC CONDITIONS OF USE: YES as shown below:

1. Gas detector BW Clip4 is provided with anti-static coating over the LCD window to minimize the risk of ignition due to electrostatic discharge. Periodic inspection of this coating is required to ensure no degradation, delamination, abrasions or other deformities to this surface. Care must be taken to avoid exposure to excessive heat, harsh chemicals or solvents, sharp edges and abrasive surfaces. Clean only with a damp cloth.

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EQUIPMENT (continued):

Conditions Of Manufacture

1. Gas detector BW Clip4 incorporates a previously certified infrared gas sensor; It is therefore the responsibility of the manufacturer to continually monitor the status of the certification associated with this device. The manufacturer shall inform Sira of any modifications to the device that may impinge upon the explosion safety design of Gas detector BW Clip4.