

EU-TYPE EXAMINATION CERTIFICATE



Equipment or Protective System intended for use in Potentially Explosive Atmospheres Directive 2014/34/EU

EU-Type Examination Certificate Number: **DEMKO 16 ATEX 1798X Rev. 0**

Product: **BW Clip4 Gas Detector, Part No. BWC4, followed by -Y or -B, followed by -E, -U, or -R.**

Manufacturer: **Honeywell Analytics Asia Pacific**

Address: **7F Sangam IT Tower, 434 Worldcup buk-ro, Mapo-gu, Seoul, 03992, Republic of Korea**

This product and any acceptable variation thereto are specified in the schedule to this certificate and the documents therein referred to.

UL International Demko A/S, notified body number 0539 in accordance with Article 17 of the Council Directive 2014/34/EU of 26 February 2014, certifies that this equipment or protective system has been found to comply with the Essential Health and Safety Requirements relating to design and construction of products intended for use in potentially explosive atmospheres given in Annex II to the Directive. The examination and test results are recorded in confidential report no. **4787548118**

Compliance with the Essential Health and Safety Requirements has been assured by compliance with:

EN 60079-0:2012+A11:2013

EN 60079-11:2012

If the sign "X" is placed after the certificate number, it indicates that the product is subject to special conditions for safe use specified in the schedule to this certificate.

This EU-Type Examination Certificate relates only to the design and construction of the specified product. Further requirements of the Directive apply to the manufacturing process and supply of this product. These are not covered by the certificate.

The marking of the product shall include the following:

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Certification Manager

Jan-Erik Storgaard

This is to certify that the sample(s) of the Product described herein ("Certified Product") has been investigated and found in compliance with the Standard(s) indicated on this Certificate, in accordance with the ATEX Product Certification Program Requirements. This certificate and test results obtained apply only to the product sample(s) submitted by the Manufacturer. UL did not select the sample(s) or determine whether the sample(s) provided were representative of other manufactured product. UL has not established Follow-Up Service or other surveillance of the product. The Manufacturer is solely and fully responsible for conformity of all product to all applicable Standards, specifications, requirements or Directives. The test results may not be used, in whole or in part, in any other document without UL's prior written approval.

Date of issue: 2016-12-18

Notified Body

UL International Demko A/S, Borupvang 5A, 2750 Ballerup, Denmark
Tel. +45 44 85 65 65, info.dk@ul.com, www.ul.com



Schedule

EU-TYPE EXAMINATION CERTIFICATE No. DEMKO 16 ATEX 1798X Rev. 0

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- [15] Description of Product
The BW Clip4 Multi-Gas Detector is a portable battery-operated gas detector, designed to detect elevated levels of combustible and toxic gas (CO and H₂S) 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-FeS₂ 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 -E, -U, or -R.

where -Y or -B represents enclosure color Yellow or Black.

where -E, -U, or -R represents country code Europe, United Kingdom, or Russia.

Performance testing

The measuring function of the product for explosion protection, according to Annex II clause 1.5.5, 1.5.6 and 1.5.7 of the Directive 2014/34/EU is not covered in this certificate.

The optical radiation output of the product with respect to explosion protection, according to Annex II clause 1.3.1 of the Directive 2014/34/EU is not covered in this certificate.

Temperature range

The ambient temperature range is -40 °C to +55 °C with a T4 temperature classification.

Electrical data

The BW Clip4 is rated 3.0V nominal, when powered by two (series-connected) Li-FeS₂ batteries identified as Part No. L91, manufactured by Energizer.

Routine tests

Routine tests according to are not required.

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Descriptive Documents

The scheduled drawings are listed in the report no. provided under item no. [8] on page 1 of this EU-Type Examination Certificate.

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Specific conditions of use:

- The BW Clip4 is provided with anti-static coating over the LCD window to minimize 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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Essential Health and Safety Requirements

The Essential Health and Safety Requirements (EHSRs) covered by the standards listed at item 9.

Additional information

The manufacturer shall inform the notified body concerning all modifications to the technical documentation as described in Annex III to Directive 2014/34/EU of the European Parliament and the Council of 26 February 2014.