

# CERTIFICATE OF COMPLIANCE

**Certificate Number** 20180913-E480011  
**Report Reference** E480011-20180907  
**Issue Date** 2018-SEPTEMBER-13

**Issued to:** HONEYWELL ANALYTICS ASIA PACIFIC CO LTD  
7F SangAm IT Tower  
434 World Cup Buk-ro Mapo-gu  
Seoul 03922 KOREA

**This is to certify that  
representative samples of**

GAS AND VAPOR DETECTION EQUIPMENT FOR USE IN  
HAZARDOUS LOCATIONS; GAS AND VAPOR  
DETECTION EQUIPMENT FOR USE IN ZONE  
CLASSIFIED HAZARDOUS LOCATIONS

See Addendum Page for Models/Product

Have been investigated by UL in accordance with the  
Standard(s) indicated on this Certificate.

**Standard(s) for Safety:**  
**Additional Information:**

See Addendum Page for Standard Number and Title  
See the UL Online Certifications Directory at  
[www.ul.com/database](http://www.ul.com/database) for additional information

Only those products bearing the UL Certification Mark should be considered as being covered by UL's  
Certification and Follow-Up Service.

Look for the UL Certification Mark on the product.



Bruce Mahrenholz, Director North American Certification Program

UL LLC

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contact a local UL Customer Service Representative at <http://ul.com/aboutul/locations/>



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This is to certify that representative samples of the product as specified on this certificate were tested according to the current UL requirements.

USC, CNC – Class I, Groups A, B, C and D

Gas detector, Model(s) BW Ultra, Part No. HU, followed by X1 or 00, followed by W1, W2, W3 or 00, followed by H1 or 00, followed by M1 or 00, followed by Q1, W4, B1, S1, A1, R1, C1, D1, Z1, N1, M2 or 00, followed by Y or B, followed by any letter. It is intrinsically safe when used with battery pack Part No. 50122982-130.

USC – Class I, Zone 0 AEx ia IIC

Gas detector, Model(s) BW Ultra, Part No. HU, followed by X1 or 00, followed by 00, followed by H1 or 00, followed by M1 or 00, followed by Q1, W4, B1, S1, A1, R1, C1, D1, Z1, N1, M2 or 00, followed by Y or B, followed by any letter. It is intrinsically safe when used with battery pack Part No. 50122982-130.

USC - Class I, Zone 0 AEx da ia IIC

Gas detector, Model(s) BW Ultra, Part No. HU, followed by X1 or 00, followed by W1, W2, W3, followed by H1 or 00, followed by M1 or 00, followed by Q1, S1, A1, R1, C1, D1, Z1, N1, M2 or 00, followed by Y or B, followed by any letter. It is intrinsically safe when used with battery pack Part No. 50122982-130.

CNC – Ex ia IIC

Gas detector, Model(s) BW Ultra, Part No. HU, followed by X1 or 00, followed by 00, followed by H1 or 00, followed by M1 or 00, followed by Q1, W4, B1, S1, A1, R1, C1, D1, Z1, N1, M2 or 00, followed by Y or B, followed by any letter. It is intrinsically safe when used with battery pack Part No. 50122982-130.

CNC - Ex da ia IIC

Gas detector, Model(s) BW Ultra, Part No. HU, followed by X1 or 00, followed by W1, W2, W3, followed by H1 or 00, followed by M1 or 00, followed by Q1, S1, A1, R1, C1, D1, Z1, N1, M2 or 00, followed by Y or B, followed by any letter. It is intrinsically safe when used with battery pack Part No. 50122982-130.

Standards for Safety:


UL 913, Intrinsically Safe Apparatus and Associated Apparatus for Use in Class I, II, and III, Division 1, Hazardous (Classified) Locations;

UL 60079-0 and CSA-C22.2 No. 60079-0:11, Explosive atmospheres – Part 0: Equipment – General requirements;

UL 60079-1, Explosive Atmospheres - Part 1: Equipment Protection By Flameproof Enclosures 'D';

UL 60079-11 and CSA-C22.2 No. 60079-11:14, Explosive Atmospheres – Part 11: Equipment Protection by Intrinsic Safety "i";

ISA 60079-29-1, Explosive Atmospheres – Part 29-1: Gas detectors – Performance Requirements of Detectors For Flammable Gasses;



Bruce Mahrenholz, Director North American Certification Program

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CSA C22.2 No. 152-M1986, Combustible Gas Detection Instruments;  
CSA-C22.2 No. 60079-1:16, Electrical Apparatus For Explosive Gas Atmospheres – Part 1: Flameproof Enclosures 'D'



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