



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 UL 17.0038X

Issue No: 1

Certificate history:

Issue No. 1 (2019-06-13)

Issue No. 0 (2017-08-24)

Status: **Current**

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Date of Issue: **2019-06-13**

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

Equipment: **Fixed Gas Detector - Sensepoint XRL**

Optional accessory:

Type of Protection: **Flameproof "db" and Dust Ignition Protection by Enclosure "tb"**

Marking:

Ex db IIC T6 Gb;

Ex tb IIIC T85°C Db

-40°C to +65°C

*Approved for issue on behalf of the IECEx
Certification Body:*

Lucy Frieders

Position:

Staff Engineer

*Signature:
(for printed version)*

Date:

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](http://www.iecex.com).

Certificate issued by:

UL LLC
333 Pfingsten Road
Northbrook IL 60062-2096
United States of America





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

Additional Manufacturing location(s):

Sesung Co., Ltd.

#297-14 Chilgok-daero, Buksam-eup, Chilgok-gun, Gyeongsangbuk-do,
Korea, Dem.People's Rep.of

Honeywell Co., Ltd.

28, 2gongdan 2-ro
Seobuk-gu Cheonan-si
Chungcheongnam-do, 31075
Korea, Republic of

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** Explosive atmospheres - Part 0: Equipment - General requirements
Edition:7.0
- IEC 60079-1 : 2014-06** Explosive atmospheres - Part 1: Equipment protection by flameproof enclosures "d"
Edition:7.0
- IEC 60079-31 : 2013** Explosive atmospheres - Part 31: Equipment dust ignition protection by enclosure "t"
Edition:2

*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:

[US/UL/ExTR17.0041/01](#)

Quality Assessment Report:

[NL/DEK/QAR12.0080/04](#) [NL/DEK/QAR12.0081/04](#)



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Schedule

EQUIPMENT:

Equipment and systems covered by this certificate are as follows:

Gas Detector, Sensepoint XRL

These devices are permanently mounted gas detectors housed in a flameproof and dust ignition protected enclosure. The enclosure is provided with 2 openings, which may be fitted with a M20 plug when not in use. The device has a glass window through which a display is used for monitoring and calibrating the device.

Please see Annex for additional information.

SPECIFIC CONDITIONS OF USE: YES as shown below:

- Do not repair flameproof joints.
- To minimize the risk of electrostatic charge, provision shall be made for adequate grounding and equipment shall be installed in such a manner so that accidental discharge shall not occur.



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DETAILS OF CERTIFICATE CHANGES (for issues 1 and above):

Issue 1: Update to latest edition of standards and revise pore size of sinter metal filter.

Annex:

[Annex to IECEX UL 17.0038X Issue 1.pdf](#)



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TYPE DESIGNATION

Nomenclature for type XRL Sensepoint (14-point):

SPL I 00 B A X C M A XX
I II III IV V VI VII VIII IX X

I - Type:

SPL – Product group

II - Enclosure type:

I – Industrial aluminum Ex d enclosure

III - Gas sensor information:

XX – Any two-digit alpha-numerical combination

IV - Wireless connection:

B - Bluetooth

V - Outputs:

A – mA output

M – Modbus output

VI - Relays:

X – No relay

VII - Enclosure color:

C – Charcoal

Y – Yellow

VIII- Entries:

M – M20

IX - Agency:

A – ATEX and IECEX

X - Reserved for future use



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PARAMETERS RELATING TO THE SAFETY

24VAC, 50/60Hz; 24VDC; 2.3 W max. without alarm, 3.2W with alarm.

MARKING


Marking has to be readable and indelible; it has to include the following indications:

Sensepoint XRL Gas Detector
 Honeywell Analytics Asia Pacific, Co., Ltd.
 7F SangAm IT Tower, 434 Worldcup Buk-ro, Mapo-gu, Seoul 03922, South Korea
 Vin = 24 Vdc, or ~ 24 Vac, 50/60 Hz, Max 2.3W (Normal), Max 3.2W (Alarm)

Read and understand manual prior to operating or servicing
 DEMKO 17 ATEX 1872X IECEX UL 17.0038X
 Ex II 2 GD Ex db IIC T6 Gb (Tamb: -40°C to + 65°C)
 Ex tb IIIC T85°C Db, IP6X

S/N XXXXXXXXXXXXXXXX
 P/N XXXXXXXXXXXXXXXX

Reserved for other certifications

15 **CE** 
 0344

WARNING:
 DO NOT OPEN WHEN ENERGIZED OR WHEN
 AN EXPLOSIVE ATMOSPHERE IS PRESENT

Reserved for other certifications

Mod 1 2 3 4 5 6

Made In Korea