

EU-TYPE EXAMINATION CERTIFICATE



[1]

[2]

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

[3]

EU-Type Examination Certificate Number: **DEMKO 17 ATEX 1872X Rev. 1**

[4]

Product: **Sensepoint XRL Fixed Gas Detector**

[5]

Manufacturer: **Honeywell Analytics Asia Pacific**

[6]

Address: **7F Sangam IT Tower, 434 Worldcup buk-ro, Mapo-gu, Seoul, 03922 Republic of Korea**

[7]

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

[8]

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 product 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. **4788960303.2.1**

[9]

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

EN IEC 60079-0:2018

EN 60079-1:2014

EN 60079-31:2014

[10]

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.

[11]

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.

[12]

The marking of the product shall include the following:

 **II 2 G Ex db IIC T6 Gb**

 **II 2 D Ex tb IIIC T85°C Db**

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: 2017-08-24

Re-issued: 2019-06-13



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

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Schedule

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[15]

Description of Product

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.

Nomenclature for type-XRL Sensepoint (14-point):

<u>S</u> P <u>L</u>	<u>I</u>	<u>00</u>	<u>B</u>	<u>A</u>	<u>X</u>	<u>C</u>	<u>M</u>	<u>A</u>	<u>XX</u>
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

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.

Temperature range:

The ambient temperature range is -40°C to +65°C.

Electrical data

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

Routine tests

Routine tests according to EN 60079-1 cl. 16 are not required, as the enclosures have been successfully tested at four times the reference pressure.

[16]

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.

[17]

Specific conditions of use:

- 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.

[13]

Schedule

[14]

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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 Sensepoint XRL gas detector has in addition passed the tests for Ingress Protection to IP 6X in accordance with EN60529:1991+A1:2000+A2:2013.

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.

Accredited by DANAK under registration number 7011 to certification of products.