[1] # EU-TYPE EXAMINATION CERTIFICATE

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

[3] EU-Type Examination Certificate Number: **UL 25 ATEX 3338X Rev. 0**

[4] Product: **OmniPoint Universal Transmitter: OPT-C-*-*-*-*-*, OmniPoint XP Sensor Module, OmniPoint XPIS Sensor Module, OmniPoint Local HART Interface**

[5] Manufacturer: **Honeywell Co. Ltd.**

[6] Address: **5F SangAm IT Tower, 434 World Cup Buk-ro, Mapo-gu, Seoul, 03922 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 Directive 2014/34/EU of the European Parliament and of the Council, dated 26 February 2014, certifies that this product has been found to comply with the Essential Health and Safety Requirements relating to the 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. **US/UL/ExTR25.0012/00.**

[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 60079-11:2012**
EN 60079-31:2014 **EN IEC 60079-31:2024**

[10] If the sign "**X**" is placed after the certificate number, it indicates that the product is subject to the "Specific Conditions of Use" listed under item 17 of this certificate.

[11] This EU-Type Examination Certificate relates only to the technical design of the specified product in accordance to the Directive 2014/34/EU. 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 (marking is provided in the Schedule as a part of item 15, if applicable):

OmniPoint Universal Transmitter:	**II 2 G Ex db ia IIC T5 Gb**	**II 2 D Ex ia tb IIIC T100°C Db**
OmniPoint XP Sensor Module:	**II 2 G Ex db IIC T5 Gb**	**II 2 D Ex tb IIIC T100°C Db**
OmniPoint XPIS Sensor Module:	**II 2 G Ex db ia IIC T4 Gb**	**II 2 D Ex ia tb IIIC T163°C Db**
OmniPoint Local HART Interface:	**II 2 G Ex db [ia IIC Ga] IIC T6 Gb** **II 2 D Ex tb [ia IIIC Da] IIIC T85 °C Db**	

Certification Manager
Thomas Wilson

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: 2025-06-09

Notified Body UL International Demko A/S, Borupvang 5A, 2750 Ballerup, Denmark
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[15] Description of Product

The OmniPoint Universal Transmitter is a fixed transmitter provided with a “db” and “tb” enclosure with glass window. The enclosure may be provided with a permanently installed “ia” antenna that provides increased range for the Bluetooth communication. All unused threaded holes in the enclosure are closed with metallic blanking elements. The OmniPoint Universal Transmitter is intended to be connected to sensors for the detection of toxic, oxygen, and flammable (combustible) gas hazards.

The OmniPoint XP Sensor Module is a fixed gas detector provided with a “db” and “tb” enclosure with sintered metal filter. The OmniPoint XPIS Sensor Module is a fixed gas detector provided with a “db” and “tb” enclosure and “ia” electrochemical gas sensor module. The devices are for use only with the OmniPoint Universal Transmitter. The devices are intended to be either directly installed in a 3/4”-14 NPT or M25 x 1.5 - 6H threaded hole in the OmniPoint Universal Transmitter enclosure or remotely installed into a threaded hole in a separately certified and suitably rated “db”, “eb” or “tb” enclosure, as appropriate.

The OmniPoint Local HART Interface is a fixed communication port with “db” and “tb” enclosure that provides “ia” outputs. The device is intended only for use with the OmniPoint Universal Transmitter and are to be directly installed in a 3/4”-14 NPT or M25 x 1.5 - 6H threaded hole in the OmniPoint Universal Transmitter enclosure.

Nomenclature for the OmniPoint Universal Transmitter:

OPT	-	C	A	T	-	B	M	H
I		II	III	IV		V	VI	VII

I. OPT – Basic Model

II. C – Certifications

III. A – Aluminum Enclosure
S – Stainless Steel Enclosure

IV. T – 3/4”-14 NPT Supply Connections
M – M25 Supply Connections

V. B – BLE (Bluetooth Module, Includes Antenna)
N – None

VI. M – Modbus Communication
N – None

VII. H – Local HART Communication
N - None

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 notcovered in this certificate.

Temperature range

The ambient temperature range is as follows:
-55°C ≤ T_{amb} ≤ +75°C
-40°C ≤ T_{amb} ≤ +75°C (for OmniPoint XP Sensor Module with Appleton Kwiko™ A cement)

Electrical data

OmniPoint Universal Transmitter : 12 - 32 VDC, 17 W max
OmniPoint XP Sensor Module : 12 – 32 VDC, 1.7 W max
OmniPoint XPIS Sensor Module : 12 – 32 VDC, 0.3 W max
OmniPoint Local HART Interface : 12 – 32 VDC, 0.55 W max

Intrinsically safe specifications:
U_m : 250 VAC

Connection Name: J2
U_o : 5.88 V
I_o : 127 mA
P_o : 0.19 W
L_o : 2204 mH
C_o : 43 µF

Connection Name: J2
U_i : 5.32 V
I_i : 112 µA
P_i : -
L_i : 0 µH
C_i : 0 µF

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Routine tests
For the OmniPoint Local HART Interface:
The manufacturer shall ensure that dielectric strength tests to the infallible transformers, T1, on the Hart Port board are conducted in accordance with Clause 11.2 of IEC 60079-11. The test voltages shall be in accordance with the table below. There shall be no breakdown of the insulation between windings or between any winding and the core.

Where Applied	Test Voltage (V rms)	Test Minimum Time (seconds)	Alternate Test Voltage (V rms)	Alternate Test Minimum Time (seconds)
Between primary and secondary windings	1,500	60	1,800	1

[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.
Potential Electrostatic Discharge – Clean product only with a damp cloth.
For OmniPoint XPIS Sensor Module and Local HART Interface: A connection to earth at the equipment is required. Does not meet the 500V rms dielectric requirement between the IS circuit and earth.

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

Additional information
The OmniPoint Universal Transmitter, OmniPoint XP Sensor Module, OmniPoint XPIS Sensor Module, and OmniPoint Local HART Interface have in addition passed the tests for Ingress Protection to IP6X in accordance with EN60529:1991+A1:2000+A2:2013.

The **Honeywell** trademark will be used as the company identifier on the marking label.

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.

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