

[1] **EC-TYPE EXAMINATION CERTIFICATE**

[2] **Equipment or Protective System intended for use
in Potentially Explosive Atmospheres
Directive 94/9/EC**



[3] **EC-Type Examination Certificate Number: DEMKO 08 ATEX 0710490X**

[4] **Equipment or Protective System: Signalpoint Pro Gas Monitors**

[5] **Manufacturer: Honeywell Analytics Inc.**

[6] **Address: 405 Barclay Boulevard Lincolnshire, IL 60069 USA**

[7] **This equipment or protective system 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 9 of the Council Directive 94/9/EC of 23 March 1994, 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 equipment and protective systems 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. 07NK10490

[9] **Compliance with the Essential Health and Safety Requirements has been assured by compliance with:
EN 60079-0: 2006 E EN 60079-11: 2007 E**

[10] **If the sign "X" is placed after the certificate number, it indicates that the equipment or protective system is subject to special conditions for safe use specified in the schedule to this certificate.**

[11] **This EC-Type examination certificate relates only to the design, examination and tests of the specified equipment or protective system in accordance to the Directive 94/9/EC. Further requirements of the Directive apply to the manufacturing process and supply of this equipment or protective system. These are not covered by the certificate.**

[12] **The marking of the equipment or protective system shall include the following:**

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On behalf of UL International Demko A/S

Herlev, 2008-02-14

Jan-Erik Storgaard
Certification Manager

UL International Demko A/S

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Certificate: 08 ATEX 0710490X

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Schedule

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EC-TYPE EXAMINATION CERTIFICATE No. DEMKO 08 ATEX 10490X

[15] Description of Equipment or protective system

SignalPoint Pro Gas Monitors

Nomenclature for type SGPTPRXXZZ:

Where ZZ is any one of the following: O1, C1, H1, H2, L1, S1, X1, N1, G1, A1 or A2

Temperature range

The ambient temperature range is -20°C to $+55^{\circ}\text{C}$

The relation between ambient temperature and the assigned temperature class is as follows:

Ambient temperature range

-20°C to $+55^{\circ}\text{C}$

Temperature class

T4

Electrical data

Receiver:

U_i : 24 V
 I_i : 0.125 A
 P_i : 0.875 W
 L_i : 0.0 mH
 C_i : 0.0 nF

Installation instructions

These devices are to be installed in accordance with Honeywell Analytics Inc. Control Drawing No. P-1446.

Unused apertures shall be closed with suitable blanking elements.

For ambient temperatures below -10°C use field wiring suitable for both minimum and maximum ambient temperature.

Mounting instructions

These devices are to be mounted in accordance with Honeywell Analytics Inc. Manual Drawing No. H_MAN:641_V1.

Routine tests

None

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Schedule

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EC-TYPE EXAMINATION CERTIFICATE No. DEMKO 08 ATEX 0710490X

[16] Report No.

Project Report No.: 07NK10490 (Hazardous Location Testing)

Drawings:

Description:	Drawing No.:	Rev. Level:	Date:
Signal Point Plus Oxygen Assembly	SGPTPRXXOX	B	2007/06/28
Signal Point Plus Toxic Assembly	SGPTPRXXTX	B	2007/06/28
Label	3002E0122	2	2007/12/28
Warning Label	P-1439	C	2005/06/30
Control Drawing	P-1446	C	2008/01/25
Signal Point Plus/Pro Oxygen Board Schematic	3002E0103	2	2008/01/25
Signal Point Oxygen Board Layout	3002E0101 1 of 4	1	2007/10/29
Signal Point Oxygen Board Layout	3002E0101 2 of 4	1	2007/10/29
Signal Point Oxygen Board Layout	3002E0101 3 of 4	1	2007/10/29
Signal Point Oxygen Board Layout	3002E0101 4 of 4	1	2007/10/29
BOM Signal Point Plus/Pro Oxygen	3002E0102	2	2008/01/25
Signal Point Plus/Pro Toxic Board Schematic	3002E0113	2	2008/01/25
Signal Point Toxic Board Layout	3002E0111 1 of 6	1	2007/10/29
Signal Point Toxic Board Layout	3002E0111 2 of 6	1	2007/10/29
Signal Point Toxic Board Layout	3002E0111 3 of 6	1	2007/10/29
Signal Point Toxic Board Layout	3002E0111 4 of 6	1	2007/10/29
Signal Point Toxic Board Layout	3002E0111 5 of 6	1	2007/10/29
Signal Point Toxic Board Layout	3002E0111 6 of 6	1	2007/10/29
BOM Signal Point Plus/Pro Toxic	3002E0112	2	2008/01/25
Signal Point Sensor Assembly	3002A1301	E	2008/01/15
Signal Point Pro Operating Manual	H_MAN:641_V1	15	-
Signal Point Pro PCB Insulator	3002E0121	1	2007/10/29
Signal Point Pro AL Plate	R00080027	B	2006/01/18
Signal Point Pro Housing Bottom	R00080001	A	2006/01/16
Signal Point Pro Housing Up	R00080002	A	2006/01/16

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Schedule

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EC-TYPE EXAMINATION CERTIFICATE No. DEMKO 08 ATEX 0710490X

[17] Special conditions for safe use:

These devices are to be installed in accordance with Honeywell Analytics Inc. Installation Drawing No. P-1446.

[18] Essential Health and Safety Requirements

Concerning ESR this Schedule verifies compliance with the Ex standards only. The manufacturer's Declaration of Conformity declares compliance with other relevant Directives.

Additional information

The SGPTPRXXZZ has in addition passed the tests for Ingress Protection to IP 66 in accordance with EN60 29: 1991/A1 2001.

The manufacturer shall inform the notified body concerning all modifications to the technical documentation as described in ANNEX III to Directive 94/9/EC of the European Parliament and the Council of 23 March 1994

On behalf of UL International Demko A/S

Herlev, 2008-02-14


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Certification Manager

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