



# Certificate of Compliance

**Certificate:** 2404330

**Master Contract:** 246287

**Project:** 70062232

**Date Issued:** July 25, 2016

**Issued to:** Honeywell Analytics Inc.  
405 Barclay Blvd  
Lincolnshire, Illinois 60069  
USA  
**Attention:** Chris Kim

*The products listed below are eligible to bear the CSA Mark shown with adjacent indicators 'C' and 'US' for Canada and US or with adjacent indicator 'US' for US only or without either indicator for Canada only.*



**Issued by:** Zahra Amini  
Zahra Amini Zahra Amini

## **PRODUCTS**

CLASS - C482801 - SIGNAL APPLIANCES --Combustible Gas Detection Instruments-For Hazardous Locations  
CLASS - C482881 - SIGNAL APPLIANCES-Combustible Gas Detection Instruments-For Hazardous Location-  
Certified to U.S. Standards

Hazardous Locations

For details related to rating, size, configuration, etc. reference should be made to the CSA Certification Record or the descriptive report.

**Ex d IIB+H2;  
Class I, Div. 2, Groups B, C and D;**

Sensepoint XCD/RTD Stationary Toxic gasses & Oxygen Gas Transmitter, Input rated 16 to 32 VDC, 3 watts max. Temperature code T4, Relay ratings 3X5A@250VAC, with or without RS-485 Module, Tamb -40 Deg. C to +65 Deg. C. For use with integral Sensepoint Toxic/oxygen sensor head p/n 2106B18xx or with remote junction box fitted with Sensepoint Toxic/oxygen sensor head p/n 2106B18xx when installed per control drawing 3001EC088.

Note: XX may be 00 to 02, 05 to 07, 10 to 18, 20 to 22 and 30 depending on which gas cell is installed in the Sensepoint Toxic sensor head.



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**Ex d ia IIC;  
Class I, Div. 2, Groups B, C and D;**

Sensepoint Toxic sensor head p/n 2106B18xx(Toxic gasses & Oxygen), Input rated 32 VDC, 0.9 watts max. Temperature code T4 when installed per control drawing 3001EC088.

Note: XX may be 00 to 02, 05 to 07, 10 to 18, 20 to 22 and 30 depending on which gas cell is installed in the Sensepoint Toxic sensor head.

**CLASS 4828 82 - SIGNAL APPLIANCES-Toxic Gas Detection Instruments - For Hazardous Locations. Certified to U.S. Standards**

**Class I, Zone 1, AEx d IIB+H2;**

Sensepoint XCD/RTD Stationary Toxic gasses & Oxygen Gas Transmitter, Input rated 16 to 32 VDC, 3 watts max. Temperature code T4, Relay ratings 3X5A@250VAC, with or without RS-485 Module, Tamb -40 Deg. C to +65 Deg. C. For use with integral Sensepoint Toxic/oxygen sensor head p/n 2106B18xx or with remote junction box fitted with Sensepoint Toxic/oxygen sensor head p/n 2106B18xx when installed per control drawing 3001EC088.

Note: XX may be 00 to 02, 05 to 07, 10 to 18, 20 to 22 and 30 depending on which gas cell is installed in the Sensepoint Toxic sensor head.

**Class I, Zone 1, AEx d ia IIC Gb;  
Class I, Div. 2, Groups B, C and D;**

Sensepoint Toxic sensor head p/n 2106B18xx(Toxic gasses & Oxygen), Input rated 32 VDC, 0.9 watts max. Temperature code T4 when installed per control drawing 3001EC088.

Note: XX may be 00 to 02, 05 to 07, 10 to 18, 20 to 22 and 30 depending on which gas cell is installed in the Sensepoint Toxic sensor head.

**CLASS - C482801 - SIGNAL APPLIANCES --Combustible Gas Detection Instruments-For Hazardous Locations**

**CLASS - C482881 - SIGNAL APPLIANCES-Combustible Gas Detection Instruments-For Hazardous Location-Certified to U.S. Standards**

**Class I, Division 1, Groups B, C and D;**

Sensepoint XCD/RFD Stationary Combustible Gas Transmitter, Input rated 12 to 32 VDC, 5 watts max. Temperature code T4, Relay ratings 3X5A@250VAC, with or without RS-485 Module, Tamb -40 Deg. C to +65 Deg. C. For use with integral Model 705 combustible sensor head p/n 705-A-1733 or with remote junction box p/n 2430-0021 fitted with Model 705 combustible sensor head p/n 705-A-1733 when installed per control drawing 3001EC091. The Model 705 combustible sensor head may be optionally fitted with the Standard Weather Protection p/n 002000-A-1640.



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### **APPLICABLE REQUIREMENTS**

- CAN/CSA-C22.2 No. 0-M91 - General Requirements – Canadian Electrical Code, Part II
- CAN/CSA-C22.2 No. 60079-0:07 - Electrical apparatus for explosive gas atmospheres - Part 0: General Requirements
- ANSI/UL 60079-0:09 - Electrical Apparatus for Explosive Gas Atmospheres - Part 0: General Requirements
- CAN/CSA-E60079-11:02 - Electrical apparatus for explosive gas atmospheres - Part 11: Intrinsic Safety "i" CAN/CSA-E60079-11:02
- ANSI/UL 60079-11:09 - Electrical apparatus for Explosive Gas Atmospheres - Part 11: Intrinsic Safety "i"
- CAN/CSA-C22.2 No. 60079-1:07 - Electrical apparatus for explosive gas atmospheres - Part 1: Flameproof enclosures "d".
- ANSI/UL 60079-1:09 - Electrical Apparatus for Explosive Gas Atmospheres - Part 1: Flameproof Enclosures "d"
- C22.2 No. 30-M1986 - Explosion-Proof Enclosures for Use in Class I Hazardous Locations
- C22.2 No. 142-M1987 - Process Control Equipment
- CSA Std C22.2 No. 152-M1984 - Combustible Gas Detection Instruments
- C22.2 No. 213-M1987 - Non-Incendive Electrical Equipment for Use in Class I, Division 2 Hazardous Locations
- UL 508 17th Ed - Industrial Control Equipment
- UL 1203 (4th Ed.) - Explosion-Proof and Dust-Ignition-Proof Electrical Equipment for Use in Hazardous (Classified) Locations
- ANSI/ISA -12.12.01-2010 - Non-Incendive Electrical Equipment for Use in Class I and II, Division 2 and Class III, Divisions 1 and 2 Hazardous (Classified) Locations.
- ANSI/ISA 12.13.01-2000 - Performance Requirements for Combustible Gas Detectors



## *Supplement to Certificate of Compliance*

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*The products listed, including the latest revision described below, are eligible to be marked in accordance with the referenced Certificate.*

### **Product Certification History**

<b>Project</b>	<b>Date</b>	<b>Description</b>
70062232	2016-07-25	Update the report 2404330 to cover the input rating of the Sensepoint XCD/RFD Stationary Combustible Gas Transmitter change from 16 to 32 VDC to 12 to 32 VDC.
2524595	2012-09-28	Update to report 2404330 to add Model XCD/RFD as CL I, Div 1, Groups B, C and D.
2404330	2011-07-22	Original Certification.