



# Certificate of Compliance

**Certificate:** 70044744 (033332\_0\_000)

**Master Contract:** 155387

**Project:** 70044744

**Date Issued:** 2015-11-18

**Issued to:** Rosemount Inc.  
6021 Innovation Blvd.  
Shakopee, Minnesota 55379-9795  
USA

**Attention:** Zachary Fosse

*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:** John Yam  
John Yam

## PRODUCTS

**CLASS - C225802 - PROCESS CONTROL EQUIPMENT-For Hazardous Locations-**

**CLASS - C225882 - PROCESS CONTROL EQUIPMENT-For Hazardous Locations - Certified to US Standards**

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

**Class I, Division 2, Groups A, B, C and D;**

**Class II, Division 1, Groups E, F, and G; Class III**

**Temperature Sensor – Model 214C:** RTD and T/C sensors with or without thermowells, Temperature Code T6 with an Ambient Operating Temperature Range:  $-50^{\circ}\text{C} \leq T_a \leq +80^{\circ}\text{C}$ , Temperature code T5 with an Ambient Operating Temperature Range:  $-50^{\circ}\text{C} \leq T_a \leq +95^{\circ}\text{C}$ ; Enclosure Type 4X and IP 66 / 67 when used with thermowells (except for contact indicating adapter); when installed per Rosemount drawing 00214-1030 for use with CSA Certified Rosemount Ex connection head/junction box enclosures without transmitter. Maximum Voltage is 35V ---, 750mWmax.

## Notes:

1. The above model is a fixed installation, Externally Powered, Pollution Degree 4
2. Mode of Operation: Continuous



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3. Environmental Conditions: Extended: -50°C to +95°C, 5000 m max, - Extended Relative Humidity of 0-99%.

### **APPLICABLE REQUIREMENTS**

CSA C22.2 No. 0-10	- General Requirements - Canadian Electrical Code Part II
CSA C22.2 No. 25-1966 (R2000)	- Enclosures for use in Class II, Groups E, F, and G
CSA C22.2 No. 30-M1986 (R2012)	- Explosion-Proof Enclosures for Use in Class I Hazardous Locations
CSA C22.2 No. 94-M1991 (R2011)	- Special Purpose Enclosures
CSA C22.2 No. 213-M1987 (R2013)	- Non-Incendive Electrical Equipment for Use in Class I, Division 2 Hazardous Locations
CAN/CSA-C22.2 No. 61010-1-12	- Safety Requirements for Electrical Equipment for Measurement, Control, and Laboratory Use, Part 1: General Requirements
FM 3600: 2011	- Electrical Equipment for Use in Hazardous (Classified) Locations – General Requirements
FM 3611: 2004	- Non-Incendive Electrical Equipment for Use in Class I and II, Division 2 and Class III, Divisions 1 and 2 Hazardous (Classified) Locations
FM 3615: 2006	- Explosionproof Electrical Equipment for Use in Class I, Division 1 Hazardous (Classified) Locations
FM 3616: 2011	-Dust-Ignitionproof Electrical Equipment General Requirements
UL Standard 50, Eleventh Edition	- Enclosures for Electrical Equipment
UL 61010-1 (3 <sup>rd</sup> Edition)	- Safety Requirements for Electrical Equipment for Measurement, Control, and Laboratory Use - Part 1: General Requirements
ANSI/IEC 60529:2004	- Degrees of Protection Provided by Enclosures (IP Code)



## *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**

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<b>Project</b>	<b>Date</b>	<b>Description</b>
70044744	2015-11-18	New Certification for Temperature Sensor, Model 214C, as EXP for C1D1 Groups BCD, and Non-Incendive for C1D2 Groups ABCD for use in Canada and US. Testing was conducted by Rosemount and supplied to CSA as part of CSA's category program; refer to Rosemount Inc. laboratory test reports listed in the descriptive documents section.