



# Certificate of Compliance

**Certificate:** 2368895

**Master Contract:** 217989

**Project:** 2691852

**Date Issued:** January 24, 2014

**Issued to:** Pyromation Incorporated

5211 Industrial Rd  
Fort Wayne, IN 46825  
USA

Attention: Jason Schrader

*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.*



*Dorel Stefan*

**Issued by:** Dorel Stefan

## **PRODUCTS**

**CLASS 2258 02** - PROCESS CONTROL EQUIPMENT - For Hazardous Locations

**CLASS 2258 82** - PROCESS CONTROL EQUIPMENT - For Hazardous Locations -  
Certified to US Standards

**Class I, Division 2, Groups A, B, C, and D; Class II, Division 2, Groups F and G; Class III:**

General purpose connection heads Model 31 (H056201), Model 34 (H056301) and Model 91 (H058401).  
Rated: 30Vdc max, 4 to 20 mA. Type 4X enclosure. IP66

Model code breakdown: A-B-C

A = 31A; 31B; 31C; 31D; 31E; 31Q; 34C; 34D; 34E; 91C; 91D

B = W (Only available on model 31); PS; GS; OR; HS (Only available on models 31 and 91); SB; I

C = 264-120; 341; 342; 343-2; 343-3; 343-4; 343-6; 210304; 210332; 210333; 210334; 210336; 210338;  
210412; 440; 441; 442; T82



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**APPLICABLE REQUIREMENTS**

CSA C22.2 No 0-10	General Requirements – Canadian Electrical Code, Part II – Tenth Edition
CSA C22.2 No 94.1-07	Enclosures for Electrical Equipment, Non-Environmental Considerations – First Edition
CSA C22.2 No 94.2-07	Enclosures for Electrical Equipment, Environmental Considerations – First Edition
CSA C22.2 No 142-M1987 (R 2009)	Process Control Equipment Industrial Products – Third Edition
CSA C22.2 No 213-M1987 (R 2008)	Non-incendive Electrical Equipment for Use in Class I, Division 2 Hazardous Locations Industrial Products – First Edition
CAN/CSA-C22.2 No. 60529:05	Degrees of protection provided by enclosures (IP Code)
UL 50	Enclosures for Electrical Equipment, Non-Environmental Considerations - Twelfth Edition
UL 50E	Enclosures for Electrical Equipment, Environmental Considerations - First Edition
ANSI/UL 508	Industrial Control Equipment – Seventeenth Edition
ANSI/ISA-12.12.01-2007	Nonincendive Electrical Equipment for Use in Class I and II, Division 2, and Class III, Divisions 1 and 2 Hazardous (Classified) Locations
ANSI/IEC 60529-2004	Degrees of Protection Provided by Enclosures (IP Code)

The following standard(s) were used in whole or in part as a guideline:

FM 3600	Electric Equipment for Use in Hazardous (Classified) Locations General Requirements
FM 3611	Nonincendive Electrical Equipment for Use in Class I and II, Division 2, and Class III, Divisions 1 and 2, Hazardous (Classified) Locations
NEMA 250-2003	Enclosures for Electrical Equipment (1000 Volts Maximum)

**MARKINGS**

The manufacturer is required to apply the following markings:

- Products shall be marked with the markings specified by the particular product standard.
- Products certified for Canada shall have all Caution and Warning markings in both English and French.



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Additional bilingual markings not covered by the product standard(s) may be required by the Authorities Having Jurisdiction. It is the responsibility of the manufacturer to provide and apply these additional markings, where applicable, in accordance with the requirements of those authorities.

The following markings are provided on an etched aluminum nametag with a hole punched through it to allow it to hang from the chain connecting the cap and body.

- Manufacturer's name: "Pyromation", or CSA Master Contract Number "217989", adjacent to the CSA Mark in lieu of manufacturer's name.
- Model number: As specified in the PRODUCTS section, above.
- Electrical Ratings: As specified in the PRODUCTS section, above.
- Manufacturing date in MMY format, or serial number, traceable to month of manufacture.
- Enclosure ratings: As specified in the PRODUCTS section, above.
- The CSA Mark with or without "C" and "US" indicators, as shown on the Certificate of Conformity.
- Hazardous Location designation: As specified in the PRODUCTS section, above (may be abbreviated).
- Temperature code: T6 (Optional marking)
- The following words:
  - "WARNING – EXPLOSION HAZARD - Substitution of components may impair suitability for Class I, Division 2."
  - "WARNING – EXPLOSION HAZARD – Do not connect while circuit is live unless area is known to be nonhazardous."

An installation manual or data sheet shall be supplied with each unit, containing the following minimum marking information:

- Manufacturer's name and address
- Electrical ratings: "30Vdc max, 4 to 20 mA".
- Specification for appropriate wiring to the connector, including definition of pin functions, and specification for wire gauge.
- Mounting and installation instructions, including dimensions, and the following words, or equivalent:
  - Wiring to or from this device, which enters or leaves the system enclosure, must utilize wiring methods suitable for Class I, Division 2 Hazardous Locations, as appropriate for the installation.
- The following words, or suitable equivalent:
  - This equipment is suitable for installation in Class I, Division 2, Group A, B, C, D hazardous locations or nonhazardous locations only.
  - WARNING - Explosion Hazard. Do not connect or disconnect this equipment unless power has been removed or the area is known to be nonhazardous.
  - WARNING - Explosion Hazard. Substitution of components may impair suitability for Class I, Division 2.

*Note - Jurisdictions in Canada may require these markings to also be provided in French language. It is the responsibility of the manufacturer to provide bilingual marking, where applicable, in accordance with the requirements of the Provincial Regulatory Authorities. It is the responsibility of the manufacturer to determine this requirement and have bilingual wording added to the "Markings".*