



# Certificate of Compliance

**Certificate:** 2368895

**Master Contract:** 217989

**Project:** 80043765

**Date Issued:** 2020-06-17

**Issued to:** Pyromation Incorporated  
5211 Industrial Rd  
Fort Wayne, Indiana 46825  
UNITED STATES

**Attention:** Jim Crowell PE

*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:** Jared Gillespie

## 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; T6:**

General purpose connection heads Model 31 (Aluminum), Model 34 (Cast Iron) and Model 91 (Stainless Steel).  
Rated: 30Vdc max, 0 to 20 mA. Ta = -40°C to +50°C; Type 4X; IP66

Nomenclature			*Optional Features		
Model	Process Opening	Nameplate Code	Options	Terminal Blocks & Transmitters	
31	A	D2	W <sup>(1)</sup>	264-120	210334
34	B		PS	342	210336
91	C		GS	343-2	210338
	D		OR	343-3	210412
	E		SB	343-4	440
	Q		HS <sup>(2)</sup>	343-6	441
			I	210304	442
				210332	T82
			210333		



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(\*): When optional features are not present, code designation is not added.  
(1): Only available on model 31  
(2): Only available on models 31 and 91

### **APPLICABLE REQUIREMENTS**

CAN/CSA C22.2 No 0-10	General Requirements – Canadian Electrical Code, Part II – Tenth Edition
CAN/CSA C22.2 No 94.1-07	Enclosures for Electrical Equipment, Non-Environmental Considerations – First Edition
CAN/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)
ANSI/UL 50	Enclosures for Electrical Equipment, Non-Environmental Considerations - Twelfth Edition
ANSI/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)



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## **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.

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 products listed are eligible to bear the CSA Mark shown with adjacent indicators 'C' and 'US' for Canada and US (indicating that products have been manufactured to the requirements of both Canadian and U.S. Standards) or with adjacent indicator 'US' for US only or without either indicator for Canada only.

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.
  - AVERTISSEMENT - RISQUE D'EXPLOSION – LA SUBSTITUTION DE COMPOSANTS PEUT ENDRE CE MATERIEL INACCEPTABLE POUR LES EMPLACEMENTS DE CLASSE I, DIVISION 2;
  - WARNING - EXPLOSION HAZARD. DO NOT DISCONNECT WHILE THE CIRCUIT IS LIVE OR UNLESS THE AREA IS FREE OF IGNITIBLE CONCENTRATIONS.
  - AVERTISSEMENT - RISQUE D'EXPLOSION. NE PAS DÉBRANCHER PENDANT QUE LE CIRCUIT EST SOUS TENSION OU À MOINS QUE L'EMPLACEMENT NE SOIT EXEMPT DE CONCENTRATIONS INFLAMMABLES.



## *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>
80043765	2020-06-17	Update to report 2368895 to update nameplate markings and product nomenclature.
80010524	2019-08-29	Update to report 2368895 to remove "-341" from model code breakdown.
0002691852	2014-01-24	Update to report 2368895 to include additional options of another CSA/FM certified transmitter Series T82 and an 8-Pole terminal block. Include updated and new drawings.
0002550388	2012-09-18	Update to report 2368895 to include new Label drawing and other updated drawings which do not effect previously documented test results.
0002481022	2012-01-19	Update to report 2368895 to include IP66 enclosure rating.
0002368895	2011-04-29	Original certification of Pyromation Connection Heads for both US and Canada CL I,II,III Div 2, Grps ABCDFG; Type 4X.