



Certificate of Compliance

Certificate: 1671773

Master Contract: 217989

Project: 70108798

Date Issued: 2017-01-19

Issued to: Pyromation Incorporated
5211 Industrial Rd
Fort Wayne, Indiana 46825
USA

Attention: Allan Heisler

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: *Salvatore Grasso*
Salvatore Grasso

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 1 Groups A, B, C and D; Class II, Groups E, F and G; Class III

Temperature sensor assembly XP01 with fixed element RTD

Temperature sensor assembly XP02 with fixed element Thermocouple

Temperature sensor assembly XP03 with RTD element with thermowell

Temperature sensor assembly XP04 Thermocouple element with thermowell

Temperature sensor assembly XP07 with fixed element RTD or Thermocouple Heat Tracer



Certificate: 1671773
Project: 70108798

Master Contract: 217989
Date Issued: 2017-01-19

Class I Division 1 Groups B, C and D; Class II Division 1 Groups E, F and G; Class III

Temperature sensor assemblies XP05 Spring loaded RTD Element with or without optional thermowell
 Temperature sensor assemblies XP06 Spring loaded Thermocouple Element with or without optional thermowell

Temperature Codes and Electrical Ratings (on the product label)

Electrical Connection	Input	Output	T code
Terminal Block	N/A	N/A	(-50 to +80 / 95 / 100) °C T6/T5/T4
440 Transmitter	10 – 30 V dc	4 – 20 mA	(-40 to +70 / 80 / 85) °C T6/T5/T4
441 Transmitter	8 – 30 V dc	4 – 20 mA	(-40 to +70 / 80 / 85) °C T6/T5/T4
442 Transmitter	11.5 – 30 V dc	4 – 20 mA	(-40 to +70 / 80 / 85) °C T6/T5/T4
642 Transmitter w/o display	11 – 40 V dc	4 – 20 mA	(-40 to +55 / 70 / 85) °C T6/T5/T4
642 Transmitter with display	11 – 40 V dc	4 – 20 mA	(-40 to +55 / 70 / 70) °C T6/T5/T4
662 Transmitter w/o display	11 – 40 V dc	4 – 20 mA	(-40 to +55 / 70 / 85) °C T6/T5/T4
662 Transmitter with display	11 – 40 V dc	4 – 20 mA	(-40 to +55 / 70 / 70) °C T6/T5/T4
T82 Transmitter with or w/o display	11 – 42 V dc	4 – 20 mA	(-40 to +70 / 80 / 85) °C T6/T5/T4
148 Transmitter	12 - 42.4V dc	4 – 20 mA	(-50 to +85) °C T5
248 Transmitter	12 - 42.4V dc	4 – 20 mA	(-50 to +85) °C T5
644 Transmitter	12 - 42.4V dc	4 – 20 mA	(-50 to +85) °C T5
3144P Transmitter	12 - 42.4V dc	4 – 20 mA	(-50 to +85) °C T5

Note: The product markings include the XPxx code, the T Code, and the HazLoc and electrical ratings for the product.



Certificate: 1671773
Project: 70108798

Master Contract: 217989
Date Issued: 2017-01-19

APPLICABLE REQUIREMENTS

CSA Std C22.2 No 0- 2010	General Requirements
CSA Std C22.2 No. 25: 1966	Enclosures for Use in Class II, Groups E, F and G – Hazardous Locations
CSA Std C22.2 No. 30-M1986	Explosion-Proof Enclosures for Use in Class I, Hazardous Locations
CSA Std C22.2 No. 94-M91	Special Purpose Enclosures Industrial Products
CSA Std C22.2 No. 142-M1987	Process Control Equipment
FMRC 3600 (Nov. 1998)	Electrical Equipment for use in Hazardous (classified) Locations General Requirements.
FMRC 3615 (Mar. 1989)	Explosion Proof Electrical Equipment – General Requirements
FMRC 3616 (Dec. 2011)	Dust-Ignitionproof Electrical Equipment General Requirements
UL 508 Seventeenth Edition (with Updates through October 13, 2013)	UL Standard for Safety Industrial Control Equipment - Seventeenth Edition
UL 50 -2007 (Second Edition)	Enclosures for Electrical Equipment, Non-Environmental Considerations

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).

The following markings are provided on an etched black anodized aluminum nameplate secured with a chain connecting the cap to the body of the connection head.

- Manufacturer's name: "Pyromation Incorporated", or CSA Master Contract Number "217989", adjacent to the CSA Mark in lieu of manufacturer's name.
- Configuration Code: 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 year and month of manufacture.
- The CSA Mark, as shown on the Certificate of Conformity.
- Hazardous Location designation: As specified in the PRODUCTS section, above (may be abbreviated).
- Temperature code: As specified in the PRODUCTS section, above.
- The following words:
 - "OPEN CIRCUIT BEFORE REMOVING COVER" or "KEEP COVER TIGHT WHILE CIRCUITS ARE ALIVE".
 - "SEAL REQUIRED WITHIN 18 INCHES" (Applicable for Cat. Nos. 75, 93, 94 77 and 3144P only)