



Certificate of Compliance

Certificate: 80139061

Master Contract: 229534

Project: 80139061

Date Issued: 2022-08-31

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

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: *Michelle Forbes*
Michelle Forbes



PRODUCTS

CLASS - C225206 - PROCESS CONTROL EQUIPMENT Process Control Equipment

CLASS - C225286 - PROCESS CONTROL EQUIPMENT Certified to US Standards

The temperature transmitter T71, T72, T71 DIN-rail, T72 DIN-rail, T82, T82 DIN-rail, T31 is a two-wire transmitter with analogue output.

Model T72, T72 DIN-rail and T82, T82 DIN-rail will be programmed by Hart® - Protocol

Model T71, T71 DIN-rail, T31 will be programmed by PC.



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Ratings:	T71, T72 (optional with field housing "79")	10-36 Vdc, (absolute values) Max. current 23 mA
	T71 DIN rail T72 DIN rail	10-36 Vdc, (absolute values) Max. current 23 mA
	T82 (optional with field housing "79")	11-42 Vdc, (absolute values) Max. current 23 mA
	T82 DIN rail:	12-42 Vdc, (absolute values) Max. current 23 mA
	T31	10-36 Vdc, (absolute values) Max. current 23 mA

Pollution degree 2;
Installation category: DC supplied; OVC I
IP20
IP66, IP67, IP68 (only for models with field housing "79")
Extended: -40 to +85 °C
Altitude up to 4000 m
Rel. humidity up to 95%

APPLICABLE REQUIREMENTS

CSA Standards:

CAN/CSA-C22.2 No. 61010-1-12
UPD1:2015, UPD2:2016, AMD1:2018

- Safety Requirements for Electrical Equipment for Measurement, Control, and Laboratory Use, Part 1: General Requirements

UL Standards:

UL 61010-1, 3rd Edition (2012), AMD1: 2018

- Safety Requirements for Electrical Equipment for Measurement, Control, and Laboratory Use, Part 1: General Requirements



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Conditions of Acceptability:

- 1 For model T71, T72, T71 DIN-rail, T72 DIN-rail, T82, T82 DIN-rail, T31: the device may only be powered by a power supply unit with a limited energy electric circuit in accordance with CSA/UL/EN/IEC 61010-1:2010 chapter 6.3.1/6.3.2 and 9.4 or class 2 according to CSA 223/UL 1310.
- 2 For models T71, T72, T82, T31 with field housing “79”: the device may only be powered by a power supply unit with a limited energy electric circuit in accordance with CSA/UL/EN/IEC 61010-1:2010 chapter 6.3.2 and 9.4 or class 2 according to CSA 223/UL 1310.
- 3 Equipment has only been tested for electrical safety. No evaluations of functional safety and performance characteristics have been performed.
- 4 Equipment is only to be installed by trained personal in accordance to the installation, set-up, operation and maintenance of comparable devices and certified as being capable of such work.
- 5 Equipment has only been tested for use in ordinary locations. No evaluations for use in hazardous locations have been performed.



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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 appear on the product:

1. Submitter's identification (company name and/or file number and/or registered tradename);
2. Model designation;
3. Electrical rating;
4. Date of manufacture: Month and year of manufacture or date code. If a serial number is used instead of date of manufacture, a record of serial numbers shall be kept traceable to date of manufacture. (Not related to date of sale).
5. The products listed 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:



Mark	Symbol	Reference	Title
		IEC 60417-5031	Direct current

Note:

1. Additional marking may be included for hazardous location certifications, when applicable.
2. Ratings for ordinary locations do not supercede ratings for hazardous locations.

Notes:



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Products certified under Class C225206, C225286 have been certified under CSA's ISO/IEC 17065 accreditation with the Standards Council of Canada (SCC). www.scc.ca

