

CERTIFICATE OF CONFORMITY



1. **HAZARDOUS (CLASSIFIED) LOCATION ELECTRICAL EQUIPMENT PER US REQUIREMENTS**

2. **Certificate No:** FM20US0071X
3. **Equipment:** T-440-abc-def.
(Type Reference and Name) Head Transmitters

4. **Name of Listing Company:** Pyromation, Inc.

5. **Address of Listing Company:** 5211 Industrial Road
Fort Wayne, IN 46825
USA

6. The examination and test results are recorded in confidential report number:

3027591 dated 11th September 2006

7. FM Approvals LLC, certifies that the equipment described has been found to comply with the following Approval standards and other documents:

FM Class 3600:2018, FM Class 3611:2018, FM Class 3810:2018,
ANSI/UL 121201:2018, ANSI/ISA 61010-1:2012

8. If the sign 'X' is placed after the certificate number, it indicates that the equipment is subject to specific conditions of use specified in the schedule to this certificate.

9. This certificate relates to the design, examination and testing of the products specified herein. The FM Approvals surveillance audit program has further determined that the manufacturing processes and quality control procedures in place are satisfactory to manufacture the product as examined, tested and Approved.

10. Equipment Ratings:

Non-incendive for Class I, Division 2, Groups A, B, C and D; T*
T* = T6 Ta = -40°C to +50°C, T5 Ta = -40°C to +65°C, T4 Ta = -40°C to +85°C

11. The marking of the equipment shall include:

Certificate issued by:

J.E. Marquedant
VP, Manager - Electrical Systems

8 January 2021

Date

To verify the availability of the Approved product, please refer to www.approvalguide.com

THIS CERTIFICATE MAY ONLY BE REPRODUCED IN ITS ENTIRETY AND WITHOUT CHANGE

FM Approvals LLC. 1151 Boston-Providence Turnpike, Norwood, MA 02062 USA
T: +1 (1) 781 762 4300 F: +1 (1) 781 762 9375 E-mail: information@fmapprovals.com www.fmapprovals.com

SCHEDULE

US Certificate Of Conformity No: FM20US0071X



Class I, Division 2, Groups A, B, C and D; T*; NIFW M0074-02

T* = T6 Ta = -40°C to +50°C, T5 Ta = -40°C to +65°C, T4 Ta = -40°C to +85°C

12. Description of Equipment:

General - The Pyromation Model T-440 is a loop-powered temperature transmitter. The thermocouples or Resistive sensor elements, which are considered as simple apparatus, are used at the output terminals.

Ratings -

Non-Incendive Wiring Parameters:

Terminals	V _{max}	I _{max}	P _i	C _i	L _i
	(V)	(mA)	(mW)	(η F)	(mH)
1 and 2	30	100	750	144	0

T-440-abc-def. Head Transmitters

NI / I / 2 / ABCD / T* — M0074-02; NIFW

T* = T6 Ta = -40°C to +50°C, T5 Ta = -40°C to +65°C, T4 Ta = -40°C to +85°C

a = Connecting wires: 2 or 3

b = Input Type: 85

c = Fault output: U or D.

d = Range: S.

e = Configuration range: Not safety relevant

f = Scale: C or F.

13. Specific Conditions of Use:

- 1) The Temperature Transmitters shall be installed in a tool secured enclosure in compliance with the mounting, spacing and segregation requirements of the ultimate application.

14. Test and Assessment Procedure and Conditions:

This Certificate has been issued in accordance with FM Approvals US Certification Requirements.

15. Schedule Drawings

A copy of the technical documentation has been kept by FM Approvals.

16. Certificate History

Details of the supplements to this certificate are described below:

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Member of the FM Global Group

Date	Description
11 th September 2006	Original Issue.
8 th January 2021	Supplement 1: Report Reference: – RR223767 dated 8 th January 2021. Description of the Change: Updated FM standards to the latest editions. Added ANSI/UL 121201 and ANSI/ISA 61010-1. Updated Certificate format with new unique certificate number. Added T6 Ta = -40°C to +50°C, T5 Ta = -40°C to +65°C



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