

# CERTIFICATE OF CONFORMITY



1. **HAZARDOUS (CLASSIFIED) LOCATION COMPONENT PER US REQUIREMENTS**
2. **Certificate No:** FM20US0133U
3. **Component:** A-B-C. Connection Head Enclosure.  
**(Type Reference and Name)**
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:  
  
3043144 dated 19<sup>th</sup> July 2011
7. FM Approvals LLC, certifies that the component described has been found to comply with the following Approval standards and other documents:  
  
FM Class 3810:2018, ANSI/ISA 61010:2004,  
NEMA 250: 2003, ANSI/IEC 60529:2004,
8. The sign 'U' placed after the certificate number indicates that this certificate must not be mistaken for a certificate for equipment or a protective system. This certificate may only be used as the basis for the certification of equipment or a protective system. This certificate is issued to the manufacturer also intended to be the holder of the equipment certificate which includes this component.
9. This certificate relates to the design, examination and testing of the component 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 component as examined, tested and Approved.

**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](http://www.approvalguide.com)

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

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# SCHEDULE



US Certificate Of Conformity No: FM20US0133U

10. Component Ratings:

Type 4X, IP66

11. The marking of the component shall include:

Type 4X, IP66/67

12. **Description of Equipment:**

**General** - The Pyromation Models 31 (Aluminum), 34 (Cast Iron), and 91 (Stainless Steel) general purpose connection heads are used for indoor or outdoor installation in Class I, II, III, Division 2, Group A, B, C, D, F and G hazardous locations or nonhazardous locations only. The units are assembled with either graphite impregnated gasket or an optional o-ring. The units are assembled without either a transmitter or terminal block.

**A-B-C Connection Head (Enclosure Supplied without Terminal block or Transmitter)**

A = one of: 31A, 31B, 31C, 31D, 31E, 31Q, 34C, 34D, 34E, 91C and 91D

B = D2 and none, one or more of: W (Only available on model 31); PS; GS; OR; HS; SB; I

C = not used

Example: 31C-D2-GS-OR (description – 31C enclosure with D2 (blueprint drawing nameplate), GS (internal ground screw), OR (Buna-N O-ring))

13. **Schedule of Limitations:**

**A-B-C Connection Head (Enclosure Supplied without Terminal block or Transmitter)**

1. The maximum Surface Temperature of the component enclosure is -25°C to 80°C
2. The input power to the enclosure is limited by  $V_{max} = 30V$ ,  $I_{max} = 24mA$  and  $P_i = 720mW$ .

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.

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# SCHEDULE



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## 16. Certificate History

Details of the supplements to this certificate are described below:

Date	Description
8 <sup>th</sup> January 2021	Original Issue. Report Reference: RR223767 dated 8 <sup>th</sup> January 2021. Description of the Change: Enclosure Component Approval Separated from Product Approvals approved under FM19US0115X Project ID 3043144.

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