



1 **EU-TYPE EXAMINATION CERTIFICATE**

2 Component intended for use in Potentially Explosive Atmospheres Directive 2014/34/EU

3 Certificate Number: **Sira 15ATEX1291U** Issue: **4**

4 Component: **Enclosures, Models 93C, 93C-AD, 93D, 93D-AD, 94C & 94D**

5 Applicant: **Pyromation Incorporated**

6 Address: **5211 Industrial Rd
Fort Wayne
IN 46825
USA**

7 This component and any acceptable variation thereto are specified in the schedule to this certificate and the documents therein referred to.

8 CSA Group Netherlands B.V. notified body number 2813 in accordance with Articles 17 and 21 of Directive 2014/34/EU of the European Parliament and of the Council, dated 26 February 2014, certifies that this component has been found to comply with the Essential Health and Safety Requirements relating to the design and construction of a component intended for use in potentially explosive atmospheres given in Annex II to the Directive.

The examination and test results are recorded in the confidential reports listed in Section 14.2.

9 Compliance with the Essential Health and Safety Requirements, with the exception of those listed in the schedule to this certificate, has been assured by compliance with the following documents:

EN IEC 60079-0:2018 EN 60079-1:2014 EN 60079-31:2014

10 The sign 'U' is placed after the certificate number to indicate that the product assessed is a component and may be subject to further assessment when incorporated into equipment. Any limitations of use are listed in the schedule to this certificate.

11 This EU-Type Examination Certificate relates only to the design and construction of the specified component. If applicable, further requirements of this Directive apply to the manufacture and supply of this component.

12 The marking of the component shall include the following:



II 2 G D
Ex db IIC Gb
Ex tb IIIC Db
Ta = -20°C to +100°C (Models 93C & 93D)
Ta = -20°C to +100°C (Models 93C-AD & 93D-AD)
Ta = -40°C to +100°C (Models 94C & 94D)

Signed: J A May

Title: Director of Operations



Project Number 80109186

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SCHEDULE

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13 DESCRIPTION OF COMPONENT

The Pyromation Models 93C, 93C-AD, 93D and 93D-AD 94C and 94D are flameproof and dust-ignition proof enclosures. The 93C and 93D models are cast and trimmed from Alloy A380.1 Die Cast Aluminium, Burnish finish with an optional Type II anodize and nickel acetate seal for models 93C-AD and 93D-AD. The 94 models are made from CF3M 316 Stainless Steel, electropolished finish. Models 93C, 93C-AD and 94C are machined with a 1/2" NPT process entry and models 93D, 93D-AD and 94D with a 3/4" NPT process entry. All of the models have a single 3/4" NPT conduit entry and all are assembled with a Nitrile Buna N O-ring to maintain an ingress rating of IP66.

Variation 1 - This variation introduced the following change:

- i. Label drawings updated to correct the notified body number from '0518' to '2813'.

Variation 2 - This variation introduced the following changes:

- i. Introduce model designation number 93C-AD and 93D-AD to existing certification.
- ii. Updated drawings H068401 and S022101.
- iii. Updated label drawing H063301 to include new models.

Variation 3 - This variation introduced the following change:

- i. Following appropriate assessment to demonstrate compliance with the latest technical knowledge, EN 60079-0:2012/A11:2013 was replaced by EN IEC 60079-0:2018.

14 DESCRIPTIVE DOCUMENTS

14.1 Drawings

Refer to Certificate Annexe.

14.2 Associated Reports and Certificate History

Issue	Date	Report number	Comment
0	06 October 2015	R70039021A	The release of the prime certificate.
1	15 October 2019	1530	This Issue covers the following changes: <ul style="list-style-type: none">• Transfer of certificate Sira 15ATEX1291U from Sira Certification Service to CSA Group Netherlands B.V..• EC Type-Examination Certificate in accordance with 94/9/EC updated to EU Type-Examination Certificate in accordance with Directive 2014/34/EU. <i>(In accordance with Article 41 of Directive 2014/34/EU, EC Type-Examination Certificates referring to 94/9/EC that were in existence prior to the date of application of 2014/34/EU (20 April 2016) may be referenced as if they were issued in accordance with Directive 2014/34/EU. Variations to such EC Type-Examination Certificates may continue to bear the original certificate number issued prior to 20 April 2016.)</i>
2	11 November 2020	R80045376A	The introduction of Variation 1.
3	12 May 2021	R80059345A	The introduction of Variation 2.
4	03 May 2022	R80109186A	The introduction of Variation 3.



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15 SCHEDULE OF LIMITATIONS

- 15.1 When supplied with reducer bushing only one reducer bushing shall be used with any single cable entry on the associated equipment.
- 15.2 The interfaces between the male thread of the product and an associated enclosure female thread of the product and the cable entry device cannot be defined. Therefore it is the user's responsibility to ensure that the appropriate ingress protection level is maintained at these interfaces.

16 ESSENTIAL HEALTH AND SAFETY REQUIREMENTS OF ANNEX II (EHSRs)

The relevant EHSRs that are not addressed by the standards listed in this certificate have been identified and individually assessed in the reports listed in Section 14.2.

17 CONDITIONS OF MANUFACTURE

- 17.1 The use of this certificate is subject to the Regulations Applicable to Holders of CSA Group Netherlands B.V. certificates.
- 17.2 Holders of EU-Type Examination Certificates are required to comply with the conformity to type requirements defined in Article 13 of Directive 2014/34/EU
- 17.3 Only one reducer bushing shall be used with any single cable entry on the associated equipment.

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Certificate Annexe



Certificate Number: Sira 15ATEX1291U
Component: Enclosures, Models 93C, 93D, 94C & 94D
Applicant: Pyromation Incorporated

Issue 0

Drawing	Sheets	Rev.	Date (Sira Stamp)	Title
H060203	1 of 1	C	25 Sep 15	MDL. 93 MACHINED CAP, AGENCY APPROVED
H060405	1 of 1	C	25 Sep 15	MDL. 93 MACHINED BODY, AGENCY APPROVED
H060903	1 of 1	B	25 Sep 15	MDL. 94 MACHINED CAP, AGENCY APPROVED
H061205	1 of 1	B	25 Sep 15	MDL. 94 MACHINED BODY, AGENCY APPROVED
H062001	1 of 1	A	25 Sep 15	PROD DEF: XP ALUM CONN HEAD MODEL 93
H062101	1 of 1	A	25 Sep 15	PROD DEF: XP SS CONN HEAD MODEL 94
H031001	1 of 1	A	25 Sep 15	Reducer Bushing - Haz. Loc., 3/4" NPT To 1/2" NPT
H031002	1 of 1	-	25 Sep 15	Reducer Bushing - Haz. Loc., 3/4" NPT To M20
H062701	1 of 1	-	25 Sep 15	LABEL, Ex ENCLOSURE ONLY
H063301	1 of 1	-	25 Sep 15	INTERNAL STICKER, IEC / ATEX RATINGS
H065101	1 of 1	-	25 Sep 15	ORING BUNA N, A233, AGENCY APPROVAL DRAWING
H065201	1 of 1	-	25 Sep 15	#6-32 X 1/4" (6.4mm) CUP POINT SET SCREW, AGENCY APPROVAL DRAWING
S022101	1 of 1	B	25 Sep 15	MODEL 93, 94 INSTALLATION INSTRUCTIONS
H068401	1 of 1	-	25 Sep 15	INSTALLATION INSTRUCTIONS, ATEX / IEC, MODEL 93 & 94
H062002	1 of 1	-	25 Sep 15	PROD DEF: XP ALUM CONN HEAD MODEL 93

Issue 1 - No new drawings were introduced.

Issue 2

Drawing	Sheets	Rev.	Date (Stamp)	Title
H062002	1 of 1	B	13 Oct 20	PROD DEF: XP ALUM CONN HEAD MODEL 93
H063301	1 of 1	A	13 Oct 20	INTERNAL STICKER, IEC / ATEX RATINGS
H068401	1 of 1	A	13 Oct 20	INSTALLATION INSTRUCTIONS, ATEX / IEC, MODEL 93 & 94

Issue 3

Drawing	Sheets	Rev.	Date (Stamp)	Title
S022101	1 of 1	C	25 Feb 21	MODEL 93, 94 INSTALLATION INSTRUCTIONS
H063301	1 of 1	B	25 Feb 21	INTERNAL STICKER, IEC / ATEX RATINGS
H068401	1 of 1	B	25 Feb 21	INSTALLATION INSTRUCTIONS, ATEX / IEC, MODEL 93 & 94

Issue 4 - No new drawings were introduced.

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