



1 **EU-TYPE EXAMINATION CERTIFICATE**

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

3 Certificate Number: **Sira 15ATEX1295X** Issue: **2**

4 Equipment: **The Electro-Pneumatic Controller Model ER5050**

5 Applicant: **Tescom**

6 Address: 12616 Industrial Boulevard
Elk River
Minnesota 55330
USA

7 This equipment and any acceptable variation thereto is 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 equipment has been found to comply with the Essential Health and Safety Requirements relating to the design and construction of equipment 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 60079-0:2012/A11:2013 EN 60079-1:2014 EN 60079-31:2014

10 If the sign 'X' is placed after the certificate number, it indicates that the equipment is subject to Specific Conditions of Use identified in the schedule to this certificate.

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

12 The marking of the equipment shall include the following:



II 2GD
Ex db IIB+H2 T5 Gb
Ex tb IIIC T100°C Db IP6X
Tamb: -20°C ≤ Ta ≤ +60°C

Project Number 0733

Signed: 

Title: Director of Operations

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CSA Group Netherlands B.V.
Utrechtseweg 310,
6812 AR, Arnhem,
Netherlands



SCHEDULE

EU-TYPE EXAMINATION CERTIFICATE

Sira 15ATEX1295X
Issue 2

13 DESCRIPTION OF EQUIPMENT

The Electro-Pneumatic Controller Model ER5050 is a cylindrical enclosure with a square base comprised of either stainless steel or aluminium material. The cylindrical portion of the enclosure is a threaded cover that threads onto the base and houses the electronics. The base houses a total seven sintered elements (six cup shaped arresters and one plug shaped arrester) secured by means of snap rings, along with three, 1/8"- 27 NPT plugs threaded into the base.

The base houses the pneumatic portion enclosure.

Variation 1 - This variation introduced the following change:

- i. The recognition of minor drawing modifications; these amendments are administrative or involve changes to the design that do not affect the aspects of the product that are relevant to explosion safety.

14 DESCRIPTIVE DOCUMENTS

14.1 Drawings

Refer to Certificate Annexe.

14.2 Associated Sira Reports and Certificate History

Issue	Date	Report number	Comment
0	21 October 2015	R70013321A	The release of the prime certificate.
1	11 October 2017	R70136294A	This Issue covers the following changes: <ul style="list-style-type: none">• 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>• The Introduction of Variation 1
2	15th October 2019	0733	<ul style="list-style-type: none">• Transfer of certificate Sira 15ATEX1295X from Sira Certification Service to CSA Group Netherlands B.V..

15 SPECIFIC CONDITIONS OF USE (denoted by X after the certificate number)

- 15.1 The user/installer shall not remove any of the three, 1/8"-27 NPT plugs that are fitted into the base of the enclosure as this will invalidate the Hazardous Location Certification.

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.