

1 EU-TYPE EXAMINATION CERTIFICATE



2 Equipment or Protective systems intended for use in Potentially
Explosive Atmospheres - Directive 2014/34/EU

3 EU-Type Examination Certificate No: FM06ATEX0018X

4 Equipment or protective system: T950X-AabK I/P Converter
(Type Reference and Name)

5 Name of Applicant: ControlAir LLC

6 Address of Applicant: 8 Columbia Drive
Amherst, NH 03031
United States of America

7 This equipment or protective system and any acceptable variation thereto is specified in the schedule to this certificate and documents therein referred to.

8 FM Approvals Europe Ltd, notified body number 2809 in accordance with Article 17 of Directive 2014/34/EU of the 26th 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 confidential report number:

3028313 dated 23rd May 2007

9 Compliance with the Essential Health and Safety Requirements, with the exception of those identified in item 15 of the schedule to this certificate, has been assessed by compliance with the following documents:

EN 60079-0:2012+A11:2013 and EN 60079-1:2014

10 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.

11 This EU-Type Examination certificate relates only to the design, examination and tests of the specified equipment or protective system in accordance to the directive 2014/34/EU. Further requirements of the Directive apply to the manufacturing process and supply of this equipment or protective system. These are not covered by this certificate.

12 The marking of the equipment or protective system shall include:



II 2 G Ex db IIB + H₂ T6 Gb Ta = -20°C to +70°C

 Digitally signed by
Richard Zammitt
DN: cn=Richard Zammitt,
o, ou=FM Approvals
Europe Limited,
email=richard.zammitt@fmapprovals.com, c=IE

Richard Zammitt
Certification Manager, FM Approvals Europe Ltd.

Issue date: 16th March 2020

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

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13 Description of Equipment or Protective System:

The T950X is an electro-mechanical current to pressure converter. The unit's electronics operate on a 30 volt, 4-20 mA current loop. The circuitry for the T950X is contained on two multi-layer printed circuit boards that are mounted inside an aluminum flameproof enclosure.

The ambient operating temperature range of the T950X is $T_a = -20^{\circ}\text{C}$ to 70°C

T950X-AabK. I/P Converter.

a = Output Pressure Range: C, D, E or F

b = Options: A, T or E

14 Specific Conditions of Use:

Using the box provided on the nameplate, the User shall permanently mark the protection type chosen for the specific installation. Once the type of protection has been marked it shall not be changed.

15 Essential Health and Safety Requirements:

The relevant EHSRs that have not been addressed by the standards listed in this certificate have been identified and assessed in the confidential report identified in item 8.

16 Test and Assessment Procedure and Conditions:

This EU-Type Examination Certificate is the result of testing of a sample of the product submitted, in accordance with the provisions of the relevant specific standard(s), and assessment of supporting documentation. It does not imply an assessment of the whole production.

Whilst this certificate may be used in support of a manufacturer's claim for CE Marking, FM Approvals Europe Ltd accepts no responsibility for the compliance of the equipment against all applicable Directives in all applications.

This Certificate has been issued in accordance with FM Approvals Europe Ltd's ATEX Certification Scheme.

17 Schedule Drawings

A list of the significant parts of the technical documentation is annexed to this certificate and a copy has been kept by the Notified Body.

18 Certificate History

Details of the supplements to this certificate are described below:

Date	Description
23 rd May 2007	Original Issue.

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SCHEDULE

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Date	Description
03 rd November 2008	<u>Supplement 1:</u> Report Reference: 3028313supp1 dated 03 rd November 2008. Description of the Change: Minor changes to drawing not affecting explosion safety.
13 th February 2009	<u>Supplement 2:</u> Report Reference: 3028313supp2 dated 13 th February 2009. Description of the Change: Addition of Natural Gas media option.
20 th November 2019	<u>Supplement 3:</u> Report Reference: RR219403 dated 18 th November 2019. Description of the Change: Update of EN60079-0 to 6 th edition (2012+A11:2013) and update of EN60079-1 to 7 th edition (2014). Certificate transferred from FM Approvals Ltd., notified body no. 1725, to FM Approvals Europe Ltd., notified body no. 2809.
19 th December 2019	<u>Supplement 4:</u> Report Reference: RR221041 dated 18 th December 2019. Description of the Change: Addition of M20 thread option for enclosure entry.
10 th January 2020	<u>Supplement 5:</u> Report Reference: RR221885 dated 09 th January 2020. Description of the Change: Minor drawing changes and corrections not affecting the equipment safety.
16 th March 2020	<u>Supplement 6:</u> Report Reference: RR222390 dated 10 th March 2020. Description of the Change: <ol style="list-style-type: none">1) Label updates due to change in company logo2) Company name change from ControlAir Inc. to ControlAir LLC.

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