



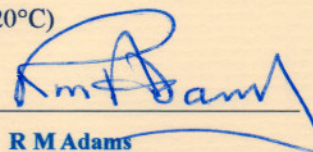
EC TYPE-EXAMINATION CERTIFICATE

- 1.
2. **Equipment or Protective System Intended for use in
Potentially Explosive Atmospheres Directive 94/9/EC**
3. EC-Type Examination Certificate Number: ITS03ATEX11243
4. Equipment or Protective System: PRESSURE TRANSDUCER JUNCTION BOX
5. Manufacturer: Whittaker Controls Inc
6. Address: 12838 Satcoy Street, PO Box 3951, North Hollywood, California 91605
USA
7. This equipment or protective system and any acceptable variation thereto is specified in the schedule to this certificate and the documents therein referred to.
8. The ITS Testing and Certification Limited, notified body number 0359 in accordance with Article 9 of the Council Directive 94/9/EC of 23 March 1994, certifies that this equipment or protective system has been found to comply with the Essential Health and Safety Requirements relating to the design and construction of equipment and protective systems 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:
ITS Report Ref 02007585WHT1, dated July 2003
9. Compliance with the Essential Health and Safety Requirements has been assured by compliance with:
EN 50014:1997, EN 50018:200
except in respect of those requirements listed at item 18 of the Schedule.
10. If the sign "X" is placed after the certificate number, it indicates that the equipment or protective system is subject to special conditions for safe use specified in the schedule to this certificate.
11. This EC-TYPE EXAMINATION CERTIFICATE relates only to the design of the specified equipment or protective system. Further requirements of this Directive apply to the manufacture and supply of this equipment or protection system.
12. The marking of the equipment or protective system shall include the following:-



II 2 G, EEx d IIB T4 (Tamb= -20°C to 120°C)


R M Adams
Deputy Certification Manager
23 July 2003

ITS Testing & Certification Limited
ITS House, Cleeve Road, Leatherhead, Surrey, KT22 7SB
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This certificate may only be reproduced in its entirety and without any change, schedule included.

13. **Schedule**

14. EC-TYPE EXAMINATION CERTIFICATE NUMBER ITS03ATEX11243

15. DESCRIPTION OF EQUIPMENT OR PROTECTIVE SYSTEM.

PRESSURE TRANSDUCER JUNCTION BOX Part No's C173255-3 and C173255-4 consisting of a cast aluminium alloy enclosure Stahl Type M-EJB approved by ISSep according to Certificate no 99E103 1299X, the cover is secured by 14 socket head cap screws. The maximum flamepath gap between the cover and base must not exceed 0.15mm. The enclosure is fitted with up to four pressure transducers and associated control pcb. The equipment is rated at 9 to 16 V dc 0.01A.

Both internal and external earth facilities are provided.

External connections to the heater must be made via ATEX approved flameproof cable entry devices.

16. REPORT NO. ITS REPORT REF 02007585WHT1.

17. SPECIAL CONDITIONS FOR SAFE USE
None

18. ESSENTIAL HEALTH AND SAFETY REQUIREMENTS

The essential health and safety requirements not covered by reference to the standards identified in Section 9 above.

None

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13. **Schedule**

18. EC-TYPE EXAMINATION CERTIFICATE NUMBER ITS03ATEX11243

13. **DRAWINGS**

Number	Issue	Date	Description
C173254	K	00.01.18	General Assembly
C173255	E	07.8.22	Enclosure
C326481	-	25.10.6	Internal enclosure detail
C326449	B	00.10.31	Cable entry drilling
C326440	A	95.12.20	Pressure port assembly
C201209	C	97.8.21	Label

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