



1 **EC TYPE-EXAMINATION CERTIFICATE**

2 Equipment intended for use in Potentially Explosive Atmospheres Directive 94/9/EC

3 Certificate Number: **Sira 05ATEX2071** Issue: **3**

4 Equipment: **Actuator Setting Tool Pro**

5 Applicant: **Rotork Controls Limited**

6 Address: **Brassmill Lane
Bath
Avon
BA1 3JQ
UK**

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

8 Sira Certification Service, notified body number 0518 in accordance with Article 9 of Directive 94/9/EC of 23 March 1994, 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: 2006

EN 60079-11: 2007

EN 60079-26: 2007

10 If the sign 'X' is placed after the certificate number, it indicates that the equipment 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 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 1 G

Ex ia IIC T4 Ga (Ta = -30°C to +50°C)

D R Stubbings BA MIET
Certification Manager

Project Number 51A15000-040
C. Index 12

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Sira Certification Service

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SCHEDULE

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13 DESCRIPTION OF EQUIPMENT

The Actuator Setting Tool Pro is a battery operated, hand held, self contained, control unit that is designed to adjust the settings of an actuator using an infrared beam to transfer data to the actuator. The Setting Tool comprises the following parts, all of which are housed in a plastic enclosure:

- a printed circuit board containing a dedicated, pre-programmed micro-controller
- an infrared transmitter
- two, AA size batteries - the Actuator Setting Tool Pro shall only be fitted with the following types of alkaline-manganese:

Duracell, Coppertop, type MN1500

Duracell, Procell, type MN1500

GP, Super Alkaline, type GP15A

Other types of AA size batteries, including the Duracell, Ultra , type MN1500, shall not be used.

The external part of the enclosure is fitted with a keypad and window for data transmission purposes.

Variation 1 - This variation introduced the following change:

- i. The Notified Body number quoted in the product marking was changed.

Variation 2 - This variation introduced the following change:

- ii. Drawing number AD1264 was modified to address the following:
 - The part numbers listed for the PCB and the battery were corrected.
 - The battery description was amended to align with that detailed in the certificate description.

Variation 3 - This variation introduced the following changes:

- i. Following appropriate re-assessment to demonstrate compliance with the requirements of the EN 60079 series of standards, the documents originally listed in section 9, EN 50014:1997 (amendments 1 and 2), EN 50020:2002 and EN 50284:1999, were replaced by those currently listed, the markings in section 12 were updated accordingly and the conditions were modified to recognise the requirements of the latest standards.



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14 DESCRIPTIVE DOCUMENTS

14.1 Drawings

Refer to Certificate Annexe.

14.2 Associated Sira Reports and Certificate History

Issue	Date	Report no.	Comment
0	12 October 2005	R53A11394C	The release of the prime certificate.
1	15 January 2007	R51A15000-010A	The introduction of Variation 1.
2	17 July 2008	R51A15000-025A	This Issue covers the following changes: <ul style="list-style-type: none">All previously issued certification was rationalised into a single certificate, Issue 2, Issues 0 and 1 referenced above are only intended to reflect the history of the previous certification and have not been issued as documents in this format.The introduction of Variation 2.
3	10 June 2010	R15000-040A/00	The introduction of Variation 3.

15 SPECIAL CONDITIONS FOR SAFE USE (denoted by X after the certificate number)

None

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 CERTIFICATION

17.1 The use of this certificate is subject to the Regulations Applicable to Holders of Sira Certificates.

17.2 Holders of EC type-examination certificates are required to comply with the production control requirements defined in Article 8 of directive 94/9/EC.

17.3 The Actuator Setting Tool Pro shall only be fitted with the following types of alkaline-manganese, AA size batteries:

Duracell, Coppertop, type MN1500

Duracell, Procell, type MN1500

GP, Super Alkaline, type GP15A

Other types of AA size batteries, including the Duracell, Ultra, type MN1500, shall not be used; this information shall also be included in the instructions supplied with the equipment

Certificate Annexe

Certificate Number: Sira 05ATEX2071
Equipment: Actuator Setting Tool Pro
Applicant: Rotork Controls Limited



Issue 0

Drawing No.	Sheet	Rev.	Date	Description
AD1264	1 and 2	1	10 Aug 05	General assembly and marking details
47564-02 to ED08226-01	1 of 1	-	25 Jul 05	Top View: Drill Drawing
47564-02 to ED08226-01	1 of 1	-	25 Jul 05	Top View: Artwork Level 1
47564-02 to ED08226-01	1 of 1	-	25 Jul 05	Top View: Artwork Level 2
47564-02 to ED08226-01	1 of 1	-	25 Jul 05	Top View: Silkscreen Bottom

Issue 1

Drawing No.	Sheet	Rev.	Date (Sira stamp)	Description
AD1264	1 of 2	2	15 Jan 07	Rotork Actuator Setting Tool 'PRO' – ATEX I.S. Approval
AD1264	2 of 2	2	15 Jan 07	Rotork Actuator Setting Tool 'PRO' – ATEX I.S. Approval

Issue 2

Drawing No.	Sheet	Rev.	Date	Description
AD1264	1 of 2	3	10 Jul 08	Rotork Actuator Setting Tool 'Pro'- ATEX I.S Approval
AD1264	2 of 2	3	10 Jul 08	Rotork Actuator Setting Tool 'Pro'- ATEX I.S Approval

Issue 3

Drawing No.	Sheets	Rev.	Date (Sira Stamp)	Description
AD1264	1 to 2	4	10 Jun 10	Rotork Actuator Setting Tool 'Pro'- ATEX I.S Approval

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