



EU Type Examination Certificate CML 19ATEX2194 Issue 2

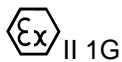
- 1 Equipment intended for use in Potentially Explosive Atmospheres Directive 2014/34/EU
- 2 Equipment **Actuator Setting Tool PRO BTST v1.1**
- 3 Manufacturer **Rotork Controls Limited**
- 4 Address **Brassmill Lane,
Bath, BA1 3JQ,
United Kingdom**
- 5 The equipment is specified in the description of this certificate and the documents to which it refers.
- 6 CML B.V., Chamber of Commerce No 6738671, Hoogoorddreef 15, Amsterdam, 1101 BA, The Netherlands, Notified Body Number 2776, in accordance with Article 17 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.
- 7 If an 'X' suffix appears after the certificate number, it indicates that the equipment is subject to conditions of safe use (affecting correct installation or safe use). These are specified in Section 14.
- 8 This EU Type Examination certificate relates only to the design and construction of the specified equipment or component. Further requirements of Directive 2014/34/EU Article 13 apply to the manufacture of the equipment or component and are separately certified.
- 9 Compliance with the Essential Health and Safety Requirements, with the exception of those listed in the confidential report, has been demonstrated through compliance with the following documents:

EN IEC 60079-0:2018

EN 60079-11:2012

EN 60079-26:2015

- 10 The equipment shall be marked with the following:



Ex ia IIC T4 Ga

Ta = -30°C to +50°C



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11 Description

The Actuator Setting Tool *PRO* BTST v1.1 is a battery operated, hand held, self-contained, control unit that is designed to adjust the settings of an actuator via an optical IrDA transmitter. The Setting Tool also has an optional Bluetooth® function to transfer data to or from the actuator. The Setting Tool comprises the following parts, all of which are housed within a plastic handheld enclosure:

- Printed circuit board containing a dedicated, pre-programmed micro-controller
- Optical IrDA transmitter
- Bluetooth® transceiver (optional, may be populated on the main PCB or not)
- Four 'AAA' size batteries

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

Notes:

- Sira 19ATEX2104 is superseded by this certificate.
- The product covered by Issue 0 of this certificate remains identical to that previously covered by Sira 19ATEX2104.
- Where Sira 19ATEX2104 is specified in other product certification, or other technical specifications, this certificate reference for the product shall be used in its place; updating of the other product certificate or technical specification is not required.

Variation 1

This variation introduces the following modifications:

- i. Resistors R9, R46, R47, R49, R50, and R51 to be changed from 10K to 2K.
- ii. Minor non-critical track changes
- iii. The addition of the type Energizer E92 Max cells to the list of permitted cells that may be used. A condition of manufacture has been updated for this.

Variation 2

This variation introduces the following modifications:

- i. Correction of typographical errors in the schedule drawings.
- ii. Addition of new drawings for clarity.

12 Certificate history and evaluation reports

Issue	Date	Associated report	Notes
0	26 Jul 2019	R12481A/00	Issue of Prime Certificate
1	14 Nov 2019	R12878A/00	Introduction of Variation 1
2	02 Apr 2020	R13111A/00	Introduction of Variation 2

Note: Drawings that describe the equipment or component are listed in the Annex.



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13 Conditions of Manufacture

The following conditions are required of the manufacturing process for compliance with the certification.

- i. Where the product incorporates certified parts or safety critical components the manufacturer shall ensure that any changes to those parts or components do not affect the compliance of the certified product that is the subject of this certificate.
- ii. To ensure the required minimum fuse resistance at -30°C is maintained, the manufacturer shall check that the Littelfuse Type 0451.062 fuse has a minimum resistance at +20°C of 3.20 W. Measurements may be performed at a temperature other than +20°C, with a correction factor of +0.02348 W/K.
- iii. The Actuator Setting Tool *PRO* BTST v1.1 shall only be fitted with the following types of 'AAA' size batteries:

Duracell ProCell, Type MN2400
Duracell Ultra
Duracell Chinese
Energizer, Type E92
Panasonic Evolta
Energizer Ultimate

Varta Industrial
Varta High Energy
Panasonic Pro Power
Energizer, Type E92 Max
Eveready Super
Energizer High Tech

14 Specific Conditions of Use (Special Conditions)

None.

Certificate Annex

Certificate Number CML 19ATEX2194
Equipment Actuator Setting Tool *PRO* BTST v1.1
Manufacturer Rotork Controls Limited



The following documents describe the equipment or component defined in this certificate:

Issue 0

Drawing No	Sheets	Rev	Approved date	Title
AD1493	1 to 4	1	26 Jul 2019	Ex-Certification Drawing – BTST, Revision History
AD1499	1 to 5	1	26 Jul 2019	Rotork Actuator Setting Tool ‘Pro’ ATEX and IECEx I.S. Approval

Issue 1

Drawing No	Sheets	Rev	Approved date	Title
AD1493	1 to 4	3	14 Nov 2019	Ex-Certification Drawing – BTST, Revision History
AD1499	1 to 5	3	14 Nov 2019	Rotork Actuator Setting Tool ‘Pro’ ATEX and IECEx I.S. Approval

Issue 2

Drawing No	Sheets	Rev	Approved date	Title
AD1499	1 to 5	3	02 Apr 2020	Rotork Actuator Settings Tool ‘Pro’ ATEX and IECEx I.S. Approval