IECEx Certificate of Conformity

INTERNATIONAL ELECTROTECHNICAL COMMISSION
IEC Certification System for Explosive Atmospheres

for rules and details of the IECEx Scheme visit www.iecex.com

Certificate No.:	**IECEx CML 20.0054**	Page 1 of 3	Certificate history:
Status:	**Current**	Issue No: 0	
Date of Issue:	2020-05-15		

Applicant: **Rotork Controls Ltd.**
Brassmill Lane
Bath
BA1 3JQ
United Kingdom

Equipment: **Actuator Setting Tool PRO BTST v1.1**

Optional accessory:

Type of Protection: **Intrinsic Safety "ia"**

Marking: Ex ia IIC T4 Ga

Ta = -30°C to +50°C

Approved for issue on behalf of the IECEx
Certification Body: **R C Marshall**

Position: **Certification Officer**

Signature:
(for printed version)

Date: 2020-05-15

1. This certificate and schedule may only be reproduced in full.
2. This certificate is not transferable and remains the property of the issuing body.
3. The Status and authenticity of this certificate may be verified by visiting www.iecex.com or use of this QR Code.

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Manufacturer: **Rotork Controls Ltd.**
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Bath
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Additional
manufacturing
locations:

This certificate is issued as verification that a sample(s), representative of production, was assessed and tested and found to comply with the IEC Standard list below and that the manufacturer's quality system, relating to the Ex products covered by this certificate, was assessed and found to comply with the IECEx Quality system requirements.This certificate is granted subject to the conditions as set out in IECEx Scheme Rules, IECEx 02 and Operational Documents as amended

STANDARDS :
The equipment and any acceptable variations to it specified in the schedule of this certificate and the identified documents, was found to comply with the following standards

IEC 60079-0:2017
Edition:7.0

Explosive atmospheres - Part 0: Equipment - General requirements

IEC 60079-11:2011
Edition:6.0

Explosive atmospheres - Part 11: Equipment protection by intrinsic safety "i"

IEC 60079-26:2014-10
Edition:3.0

Explosive atmospheres – Part 26: Equipment with Equipment Protection Level (EPL) Ga

This Certificate **does not** indicate compliance with safety and performance requirements
other than those expressly included in the Standards listed above.

TEST & ASSESSMENT REPORTS:
A sample(s) of the equipment listed has successfully met the examination and test requirements as recorded in:

Test Report:

GB/CML/ExTR20.0061/00

Quality Assessment Report:

GB/CML/QAR19.0012/00

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EQUIPMENT:
Equipment and systems covered by this Certificate are as follows:

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.

Refer to Annex for full description and conditions of manufacture.

SPECIFIC CONDITIONS OF USE: NO

Annex:

IECEx CML 20.0054 Iss. 0 Certificate Annex.pdf

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.

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	Varta Industrial
Duracell Ultra	Varta High Energy
Duracell Chinese	Panasonic Pro Power
Energizer, Type E92	Energizer, Type E92 Max
Panasonic Evolta	Eveready Super
Energizer Ultimate	Energizer High Tech

Specific Conditions of Use

None.