



IECEX Certificate of Conformity

INTERNATIONAL ELECTROTECHNICAL COMMISSION IEC Certification Scheme for Explosive Atmospheres

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

Certificate No.: IECEx EMT 16.0030X Issue No: 0 Certificate history:
Issue No. 0 (2017-01-16)

Status: **Current** Page 1 of 3

Date of Issue: **2017-01-16**

Applicant: **Status Instruments Ltd.**
Status Business Park, Gannaway Lane, Tewkesbury, Gloucestershire,
GL20 8FD
United Kingdom

Equipment: **Temperature transmitter configuration device - USBTTX Config**
Optional accessory:

Type of Protection: **Intrinsic Safety**

Marking: [Ex ia]

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

Stephen Winsor

Position:

Certification Manager

*Signature:
(for printed version)*

Date:

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 the [Official IECEx Website](#).

Certificate issued by:

Element Materials Technology
Unit 1 Pendle Place
Skelmersdale
West Lancashire
United Kingdom





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Manufacturer: **Status Instruments Ltd.**
Status Business Park, Gannaway Lane, Tewkesbury, Gloucestershire, GL20 8FD
United Kingdom

Additional Manufacturing location(s):

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 electrical apparatus 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 : 2011 Explosive atmospheres - Part 0: General requirements
Edition:6.0

IEC 60079-11 : 2011 Explosive atmospheres - Part 11: Equipment protection by intrinsic safety "i"
Edition:6.0

*This Certificate **does not** indicate compliance with electrical 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/EMT/ExTR16.0028/00](#)

Quality Assessment Report:

[GB/TRC/QAR10.0001/05](#)



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Schedule

EQUIPMENT:

Equipment and systems covered by this certificate are as follows:

The USBTTX Config is an associated apparatus interfacing device which allows for configuration of compatible Status Instruments temperature transmitters when located in the safe area.

The USBTTX Config provides a buffer between a computer's USB connection and the intrinsically safe connections to ensure that elevated voltages or transient conditions from the computer cannot reduce the safety of a connected temperature transmitter. The PC USB connection connects via a 3.5 mm socket and the temperature sensor connects via a 3.5 mm jack plug to the USBTTX equipment.

Um = 250 Vac

CONDITIONS OF CERTIFICATION: YES as shown below:

1. Indoor use only
2. The temperature sensor must be located in the safe area when being used with the USBTTX Config.
3. For use with TTC200X, TTR200X, SEM1801XTC – SEM1802XTC and SEM1801XR – SEM1802XR temperature sensors certified under IECEx TRC 10.0008X

Annex:

[Annex to IECEx EMT 16.0030X issue 0.pdf](#)



Element Materials Technology,
Unit 1, Pendle Place,
Skelmersdale,
West Lancashire, WN8 9PN,
United Kingdom

Annex to IECEx Certificate of Conformity

IECEx EMT 16.0030X issue No.:0

Manufacturer's Documents

Title:	Drawing No.:	Rev. Level:	Date:
USBTTX CONFIG CIRCUIT DIAGRAM	S5135	01-02	2016-09-21
USBTTX CONFIG PCB DRAWING	S5136	02-01	2016-09-21
USBTTX CONFIG SUB ASSY	S5137	01-02	2016-09-21
USBTTX CONFIG GENERAL ASSY DRAWING	S5138	01-01	2016-07-14
TTR CONFIGURATOR BILL OF MATERIALS	Z1642	01-03	2016-09-29
CN5370 USBTTX Config User Guide	D2598	01-01	*

* Information not provided by the manufacturer.