



# 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](http://www.iecex.com)

Certificate No.: IECEx LCIE 12.0030X issue No.:0 Certificate history: .....

Status: **Current**

Date of Issue: **2013-03-25** Page 1 of 3

Applicant: **EXHEAT INDUSTRIAL LIMITED**  
Threxton House  
Threxton Road Industrial Estate  
Watton, Thelford  
Norfolk, IP25 6NG  
**United Kingdom**

Electrical Apparatus: **Thermostat - FXT & FXT-I**  
Optional accessory:

Type of Protection: **Ex d tb**

Marking: EXHEAT INDUSTRIAL LIMITED  
Address : ...  
Type : FXT & FXT-I  
Serial Number : ...  
Year of construction : ...  
Ex d IIC T6 Gb  
Ex tb IIIC T85°C Db  
IP6X  
-60°C ≤ Tamb ≤ +78°C  
IECEx LCIE 12.0030 X  
WARNING - DO NOT OPEN WHEN ENERGIZED  
WARNING - DO NOT OPEN WHEN AN EXPLOSIVE ATMOSPHERE MAY BE  
PRESENT

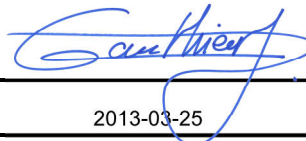
Approved for issue on behalf of the IECEx  
Certification Body:

Julien GAUTHIER

Position:

Certification Officer

Signature:  
(for printed version)



Date:

2013-03-25

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](http://www.iecex.com).

Certificate issued by:

**Laboratoire Central des Industries Electriques (LCIE)**  
33 Avenue du General Leclerc  
FR-92260 Fontenay-aux-Roses  
France

Documents relative to LCIE certification activities (Certificates,  
QARs, ExTRs) can be registered under the references "LCI" or  
"LCIE".





# IECEX Certificate of Conformity

Certificate No.: IECEx LCIE 12.0030X

Date of Issue: 2013-03-25

Issue No.: 0

Page 2 of 3

Manufacturer: **EXHEAT INDUSTRIAL LIMITED**  
Threxton House  
Threxton Road Industrial Estate  
Watton, Thelford  
Norfolk, IP25 6NG  
**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:

<b>IEC 60079-0 : 2011</b> Edition: 6.0	Explosive atmospheres - Part 0: General requirements
<b>IEC 60079-1 : 2007-04</b> Edition: 6	Explosive atmospheres - Part 1: Equipment protection by flameproof enclosures "d"
<b>IEC 60079-31 : 2008</b> Edition: 1	Explosive atmospheres – Part 31: Equipment dust ignition protection by enclosure 't'

*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:  
[FR/LCIE/ExTR12.0032/00](#)

Quality Assessment Report:  
[FR/LCI/QAR06.0005/05](#)



# IECEX Certificate of Conformity

Certificate No.: IECEx LCIE 12.0030X

Date of Issue: 2013-03-25

Issue No.: 0

Page 3 of 3

## Schedule

### EQUIPMENT:

*Equipment and systems covered by this certificate are as follows:*

The FXT and FXT-I type thermostats comprise an extruded aluminium finned tube with integrals thermostat with optional thermal fuse for over temperature protection. A supply cable is fitted through a certified cable gland for termination in suitably certified terminals.  
The FXT thermostat is a standalone room thermostat designed to be used as a control device for heaters.  
The FXT-I is an 'in-line' variant of the same thermostat in that the FXT-I shall be wired in series with the heater for which it is intended to control.

#### Electrical ratings :

277 VAC

2A

2 wires

### CONDITIONS OF CERTIFICATION: YES as shown below:

Cable glands have to be certified and not degrade protection mode.