



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.: issue No.: Certificate history:

Status:

Date of Issue: **2012-09-21** Page 1 of 3

Applicant: **THERMOPROBE INC**
112A Jet Port Dr, Pearl, MS, 39208
United States of America

Electrical Apparatus: **TP7-C and TP9 Electronic Thermometers**
Optional accessory:

Type of Protection: **Ex 'ib [ia]'**

Marking: **IECEX ULD 11.0008X**
Ex ib [ia] IIB T4

*Approved for issue on behalf of the IECEx
Certification Body:* Jasmin Omerovic
Position: Certification Project Engineer

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:

UL International DEMKO A/S
Borupvang 5A,
DK-2750 Ballerup
Denmark





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Manufacturer: **THERMOPROBE INC**
112A JET PORT DR, PEARL, MS, 39208
United States of America

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 : 2007-10 Explosive atmospheres - Part 0: Equipment - General requirements
Edition: 5

IEC 60079-11 : 2006 Explosive atmospheres - Part 11: Equipment protection by intrinsic safety "i"
Edition: 5

*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:

[DK/ULD/ExTR12.0004/00](#)

Quality Assessment Report:

[GB/ITS/QAR12.0001/00](#)



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Schedule

EQUIPMENT:

Equipment and systems covered by this certificate are as follows:

The type **TP7-C** thermometer has plastic and metal enclosure containing a printed circuit board and liquid crystal display. A resistive temperature sensor is attached by an integral cable which may be up to 50m long. The body of the instrument acts as a winding drum to store the sensor cable. A bonding connection for the meter is provided by a spring clip attached by an integral cable. The meter is powered from two internally fitted AA batteries. The unit is operated by pressing the primary power button, the function button provides access to the calibration menu.

The type **TP9** thermometer utilises the same printed circuit board as the Model TP7-C, the main difference is that the enclosure is made from stainless steel and is fitted with a plastic handle.

RTD probe type P1000-13041X (Standard, Extra, Railcar, Asphalt Weight) for use in Zone 0.

CONDITIONS OF CERTIFICATION: YES as shown below:

- The body of model TP7C and TP9 is not permitted in Zone 0.
- The RTD probe and its connecting cable may be used in Zone 0.
- Only the listed batteries are permitted: Duracell MN 1500 or Gold Peak GP15A or Panasonic LR6XWA.
- The batteries must not be changed in the Hazardous Location.