



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

Certificate No.: **IECEX ETL 19.0075X** Page 1 of 3 [Certificate history:](#)

Status: **Current** Issue No: 0

Date of Issue: 2020-04-22

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

Equipment: **Digital Reference Thermometers (TL3-A, TL3-W, TL3-R)**

Optional accessory:

Type of Protection: **Intrinsic Safety - 'ia'**

Marking: Ex ia IIC T4 Ga  
-20°C ≤ Ta ≤ +40°C  
IECEX ETL 19.0075X

Approved for issue on behalf of the IECEx  
Certification Body:

**Kevin J Wolf**

Position:

**Certification Officer**

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 [www.iecex.com](http://www.iecex.com) or use of this QR Code.



Certificate issued by:

**Intertek**  
3933 US Route 11 South  
Cortland NY 13045-2995  
United States of America

**intertek**



# IECEX Certificate of Conformity

Certificate No.: **IECEX ETL 19.0075X**

Page 2 of 3

Date of issue: 2020-04-22

Issue No: 0

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

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** Explosive atmospheres - Part 0: Equipment - General requirements  
Edition:7.0

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

This Certificate **does not** indicate compliance with 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:

[US/ETL/ExTR19.0095/00](#)

Quality Assessment Report:

[GB/ITS/QAR12.0001/07](#)



# IECEx Certificate of Conformity

Certificate No.: **IECEx ETL 19.0075X**

Page 3 of 3

Date of issue: 2020-04-22

Issue No: 0

## **EQUIPMENT:**

Equipment and systems covered by this Certificate are as follows:

Thermoprobe models TL3-A, TL3-W, TL3-R are digital reference thermometers that are portable, and battery powered. These models use stainless steel sensors and incorporate static dissipative plastic housing made of RTP 199 X 144647 B Polypropylene (PP). Batteries used to power these models are Duracell DL2032 and Panasonic CR2032 (for TL3-A), and Duracell MN2400 and Panasonic LR03XWA (for TL3-W and TL3-R). Two batteries are used for a 3V nominal voltage for TL3-W and TL3-R models and one coin-cell battery is used for 3V nominal voltage for TL3-A model.

Temperature is displayed on the LCD screen which can be viewed from the front face of the enclosure.

## **SPECIFIC CONDITIONS OF USE: YES as shown below:**

The following metal parts have a capacitance in excess of 3pF, are isolated from ground and may pose a potential electrostatic charging hazard: (Metal probe - 19.5pF)

## **Annex:**

[Annex for COC IECEx ETL 19.0075X Issue 00.pdf](#)



# Annex To IECEx Certificate of Conformity

<b>Certificate No:</b>	<b>IECEx ETL 19.0075X</b>	<b>Issue No. 0</b>
<b>Annex No. 1</b>		

## Manufacturer's documents

**Drawings associated with Issue 0 of this certificate:**

<b>Technical Documents</b>			
Title:	Drawing No.:	Rev. Level:	Date:
SAFETY INSTRUCTIONS – TL3-A, TL3-W & TL3-R	--	042020	04/2020
TL3 Ex Label	TL3-EXLBL-006-CD	2	04/15/20
TL3R or TL3W Assembly	TL3R-ASSY-007-CD	1	12/6/19
TL3A Assembly	TL3A-ASSY-001-CD	1	12/6/19
TL3 Temperature Sensor	TL3-RTD-008-CD	0	4/24/18
C18 Board Layout	C18-LYT-001-CD	0	5/1/2019
C18-BRD	C18-BRD-001-CD	1.3	4/15/2020
TL3-A, TL3-W & TL3-R C18-BRD	C18-BOM-001-CD	2	04/15/2020

*Note: An \* is included before the title of documents that are new or revised.*

ertificate issued by:

**Intertek**  
3933 US Route 11 South  
Cortland NY 13045-2995  
United States of America

**intertek**  
Total Quality. Assured.