



# 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 DEK 16.0011X** Page 1 of 4 [Certificate history:](#)  
Issue 0 (2016-04-19)

Status: **Current** Issue No: 1

Date of Issue: 2019-10-02

Applicant: **Pyromation Incorporated**  
5211 Industrial Rd  
Fort Wayne, IN 46825  
**United States of America**

Equipment: **Temperature Transmitter, Series 642 and Series 662**

Optional accessory: -

Type of Protection: **Ex db; Ex tb**

Marking: Ex db IIC T6 ... T4 Gb  
Ex tb IIIC T110 °C Db

Approved for issue on behalf of the IECEx  
Certification Body:

**L.G. van Schie**

Position:

**Certification Manager**

Signature:  
(for printed version)

Date:

2019-10-02

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:

**DEKRA Certification B.V.**  
Meander 1051  
6825 MJ Arnhem  
Netherlands





# IECEX Certificate of Conformity

Certificate No.: **IECEX DEK 16.0011X** Page 2 of 4

Date of issue: 2019-10-02 Issue No: 1

Manufacturer: **Pyromation Incorporated**  
5211 Industrial Rd  
Fort Wayne, IN 46825  
**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 60079-0:2011** Explosive atmospheres - Part 0: General requirements  
Edition:6.0

**IEC 60079-1:2014-06** Explosive atmospheres - Part 1: Equipment protection by flameproof enclosures "d"  
Edition:7.0

**IEC 60079-31:2013** Explosive atmospheres - Part 31: Equipment dust ignition protection by enclosure "t"  
Edition:2

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:

[NL/DEK/ExTR16.0013/01](#)

Quality Assessment Report:

[GB/SIR/QAR15.0011/03](#)



# IECEx Certificate of Conformity

Certificate No.: **IECEx DEK 16.0011X**

Page 3 of 4

Date of issue: 2019-10-02

Issue No: 1

## **EQUIPMENT:**

Equipment and systems covered by this Certificate are as follows:

The Temperature Transmitter, Series 642 and 662 consists of an enclosure, made of aluminium or stainless steel, containing electronics circuits, terminals and optionally a display. The transmitters are used to convert the measurement signal of an external temperature sensor into an output signal.

The transmitter provides a 4-20 mA current output signal with HART communication.

The enclosure of the transmitter provides a degree of protection IP66/67 in accordance with IEC 60529.

For thermal data, product ratings and nomenclature see Annex 1.

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

The flameproof joints are not intended to be repaired.



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Certificate No.: **IECEx DEK 16.0011X**

Page 4 of 4

Date of issue: 2019-10-02

Issue No: 1

**DETAILS OF CERTIFICATE CHANGES (for issues 1 and above)**

Upgrade to the latest editions of the standards.

Minor constructional changes applied.

**Annex:**

Annex to [223738800-Annex1 to ExTR16.0013.01.pdf](#)