

CERTIFICATE

(1) EU-Type Examination

(2) **Equipment or protective systems intended for use in potentially explosive atmospheres - Directive 2014/34/EU**

(3) EU-Type Examination Certificate Number: **DEKRA 16ATEX0002 X** Issue Number: **2**

(4) Product: **Temperature Transmitter, Series 642 and Series 662**

(5) Manufacturer: **Pyromation Incorporated**

(6) Address: **5211 Industrial Rd., Fort Wayne, Indiana 46825, USA**

(7) This product and any acceptable variation thereto is specified in the schedule to this certificate and the documents therein referred to.

(8) DEKRA Certification B.V., Notified Body number 0344 in accordance with Article 17 of Directive 2014/34/EU of the European Parliament and of the Council, dated 26 February 2014, certifies that this product has been found to comply with the Essential Health and Safety Requirements relating to the design and construction of products intended for use in potentially explosive atmospheres given in Annex II to the Directive.

The examination and test results are recorded in confidential test report number NL/DEK/ExTR16.0013/01.

(9) Compliance with the Essential Health and Safety Requirements has been assured by compliance with:

EN 60079-0 : 2012 + A11:2013

EN 60079-1 : 2014

EN 60079-31 : 2014

(10) If the sign "X" is placed after the certificate number, it indicates that the product is subject to the Specific Conditions of Use specified in the schedule to this certificate.

(11) This EU-Type Examination Certificate relates only to the design and construction of the specified product. Further requirements of the Directive apply to the manufacturing process and supply of this product. These are not covered by this certificate.

(12) The marking of the product shall include the following:



**II 2 G Ex db IIC T6...T4 Gb or
II 2 D Ex tb IIIC T110 °C Db**

Date of certification: 2 October 2019

DEKRA Certification B.V.

L.G. van Schie
Certification Manager

(13) **SCHEDULE**

(14) **to EU-Type Examination Certificate DEKRA 16ATEX0002 X**

Issue No. 2

(15) **Description**

The Temperature Transmitters, Series 642 and Series 662 consists of an enclosure, made of aluminium or stainless steel, containing electronic 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 EN 60529.

For details about nomenclature, thermal data and electrical data see Annex 1 to Report No NL/DEK/ExTR16.0013/01.

Installation instructions

The instructions provided with the product shall be followed in detail to assure safe operation.

(16) **Report Number**

No. NL/DEK/ExTR16.0013/01.

(17) **Specific conditions of use**

- The flameproof joints are not intended to be repaired.

(18) **Essential Health and Safety Requirements**

Covered by the standards listed at item (9).

(19) **Test documentation**

As listed in Report No. NL/DEK/ExTR16.0013/01.

(20) **Certificate history**

Issue 1 - 218988100	Initial certificate.
Issue 2 - 223738800	Upgrade to the latest editions of the standards. Minor constructional changes applied.