

CERTIFICATE

EU-Type Examination

- (1) **Equipment or protective systems intended for use in potentially explosive atmospheres - Directive 2014/34/EU**
- (2) EU-Type Examination Certificate Number: **DEKRA 23ATEX0041** Issue Number: **0**
- (3) Product: **Field Temperature Transmitter, Types T71, T72 and T82**
- (4) Manufacturer: **Pyromation LLC**
- (5) Address: **5211 Industrial Road, Fort Wayne IN 46825 USA**
- (6) This product and any acceptable variation thereto is specified in the schedule to this certificate and the documents therein referred to.
- (7) 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/ExTR23.0033/00.
- (8) Compliance with the Essential Health and Safety Requirements has been assured by compliance with:
- | | | |
|------------------------------|--------------------------|---------------------------|
| EN IEC 60079-0 : 2018 | EN 60079-1 : 2014 | EN 60079-11 : 2012 |
| EN 60079-31 : 2014 | | |
- except in respect of those requirements listed at item 18 of the Schedule.
- (9) 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.
- (10) 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.
- (11) The marking of the product shall include the following:



II 2 G
II 2(1) G
II 2 D

Ex db IIC T6...T4 Gb
Ex ia [ia Ga] IIC T6...T4 Gb
Ex tb IIIC T85 °C...T105 °C Db

Date of certification: 14 July 2023

DEKRA Certification B.V.

R. Schuller
Certification Manager



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(13) **SCHEDULE**

(14) **to EU-Type Examination Certificate DEKRA 23ATEX0041**

Issue No. **0**

(15) **Description**

The Field Temperature Transmitter, Types T71, T72 and T82 consists of an enclosure, made of aluminium, containing electronic circuits and optionally a display. The transmitters are used to convert the measurement signal of an externally connected temperature sensor into an output signal.

Depending on the version, the transmitter provides a 4-20 mA current output signal with HART communication or has a Bluetooth (App), DTM or DTM/Bluetooth (App) configuration.

For details see Annex 1 to Report No. NL/DEK/ExTR23.0033/00.

Installation instructions

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

(16) **Report Number**

No. NL/DEK/ExTR23.0033/00.

(17) **Specific conditions of use**

None.

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

Covered by the standards listed at item (9).

(19) **Test documentation**

As listed in Report No. NL/DEK/ExTR23.0033/00.

(20) **Certificate history**

Issue 0 - 227663000 initial certificate