



(1) **Supplementary EU - Type Examination Certificate No.5**

(2) **Equipment or Protective Systems Intended for Use
in Potentially Explosive Atmospheres
(Directive 2014/34/EU)**

(3) EU - Type Examination Certificate number:

FTZÚ 02 ATEX 0221X

(4) Product: **Resistance temperature sensor, type 112 70 and 112 70/ZP9306**

(5) Manufacturer: **ZPA Nová Paka, a.s**

(6) Address: **Pražská 470, 509 01 Nová Paka, Czech Republic**

(7) This supplementary certificate extends EC - Type Examination Certificate No. FTZÚ 02 ATEX 0221X to apply to products designed and constructed in accordance with the specification set out in the Schedule of the said certificate but having any variations specified in the Schedule attached to this certificate and the documents therein referred to.

(8) The Physical-Technical Testing Institute, Notified Body number 1026, in accordance with Articles 17 of Directive 2014/34/EU of the European Parliament and of the Council, dated 26.02.2014, certifies that this product, as modified by this supplementary certificate, 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.

(9) In accordance with Article 41 of Directive 2014/34/EU, EC-Type Examination Certificates referring to 94/9/EC that were in existence prior to the date of application of 2014/34/EU (20.04.2016) may be referenced as if they were issued in accordance with Directive 2014/34/EU. Supplementary Certificates to such EC-Type Examination Certificates, and new issues of such certificates, may continue to bear the original certificate number issued prior to 20.04.2016.

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

EN IEC 60079-0:2018, EN 60079-1:2014

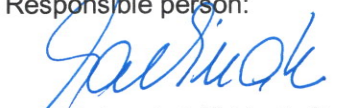
If the sign "X" is placed after the certificate number, it indicates that the product is subject to Specific Conditions of Use specified in the schedule to this certificate.

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

 **II 2G Ex db IIC T6...T3 Gb**

(12) This certificate is valid till: **31.12.2027**

Responsible person:


Dipl. Ing. Lukáš Martinák
Head of Certification Body



Date of issue: 20.12.2022

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Physical-Technical Testing Institute
Ostrava - Radvanice

(13)

Schedule

(14) **Supplementary EU - Type Examination Certificate No. 5
to FTZÚ 02 ATEX 0221X**

(15) Description of the variation to the Product:

The subject of this supplementary certificate is:

- Evaluation according to the newest standard EN IEC 60079-0:2018;
- Extension of certificate validity.

Design of flameproof enclosure and electrical parameters are unchanged. The "Specific Conditions of Use" (17) were updated.

The product is verified according to the newest standard EN IEC 60079-0:2018.

(16) Report Number: 02/0221/5

(17) Specific Conditions of Use:

1. Medium temperature range: from -70°C to +80°C for T6
from -70°C to +95°C for T5
from -70°C to +130°C for T4
from -70°C to +180°C for T3
2. Verified values of the maximum gaps and minimum constructional length of flameproof joints of this enclosure are different from relevant minimum and maximum values mentioned in standard. To obtain information about joints dimension it is necessary to contact the manufacturer.
3. In case of cable connection in hazardous area it has to be used a connection box in type of Ex-protection "Ex db" or "Ex eb" in sense of EN IEC 60079-0:2018.

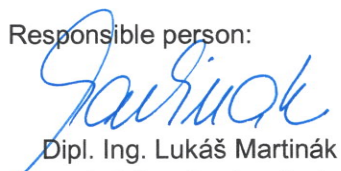
(18) Essential Health and Safety Requirements:

Compliance with the Essential Health and Safety Requirements is covered by standards mentioned in clause (10) of this supplementary certificate.

(19) Drawings and Documents:

| Number | Sheets | Date | Description |
|-------------|--------|------------|-------------|
| TP-274736/j | 5 | 08/2022 | User manual |
| 287386 | 2 | 30.08.2022 | Drawing |

Responsible person:


Dipl. Ing. Lukáš Martinák
Head of Certification Body



Date of issue: 20.12.2022

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This certificate may only be reproduced in its entirety and without any change, schedule included.