



# EU DECLARATION OF CONFORMITY

This declaration of conformity is issued under the sole responsibility of the  
manufacturer

**Manufacturer:** ZPA Nová Paka, a.s., registered in the Commercial Register at the Regional Court in Hradec Králové, Section B, Inlet 644. **Registration No. 46504826**

**Place:** Pražská 470, 509 01 Nová Paka, Czech Republic

**Name/Type:** Resistance temperature sensor Ex d (Ex t, Ex i) with thermowell DIN without transmitter or with transmitter, type 234

Resistance temperature sensor Ex d (Ex t, Ex i) with thermowell ČSN without transmitter or with transmitter, type 244

Thermoelectric temperature sensor Ex d (Ex t, Ex i) with thermowell DIN without transmitter or with transmitter, type 334

Thermoelectric temperature sensor Ex d (Ex t, Ex i) with thermowell ČSN without transmitter or with transmitter, type 344

## Basic data about product:

The sensors without transmitter or with transmitter in the head are used for precision remote measurement of temperature of steady and running liquids (gases and fluids), for which the properties of the heat sink of the sensor are suitable. They are intended for environments II 1/2G Ex db IIC T6...T1 Ga/Gb, II 2G Ex db IIC T6...T1 Gb with explosive gas atmosphere pursuant to EN 60079-10-1 and for environments II 1/2D Ex ta/tb IIIC T=T<sub>media</sub> Da/Db, II 2D Ex tb IIIC T=T<sub>media</sub> Db with explosive gas atmosphere with combustible dust pursuant to EN 60079-10-2. The Ex i sensor is designed for environments with a risk of explosion of group II 1G Ex ia IIC T5 / T6 Ga. Transmitter C520X or C520XS is located in the sensor head, which is designed for explosion hazard group II 1G Ex ia IIC T6... T4 Ga. Sensors can be used in zone 0 when connected to an Ex i circuit. The product is marked in compliance with Article 1.0.5. of Directive 2014/34/EU. The product application is subjected to technical documentation of the product.

## **The above described object of the declaration is in conformity with the relevant EU harmonization legislation:**

- Directive 2014/34/EU of European Parliament and Council and standards:  
EN IEC 60079-0:2018, EN 60079-1:2015, EN 60079-11:2012, EN 60079-31:2014,  
EN 60079-26:2015.

EC verification of the type was realized by Notified Body EU No. 1026 – FTZÚ Ostrava – Radvanice. EC-Type Examination Certificate No. **FTZÚ 08 ATEX 0200X and Supplement No. 1, Supplement No. 2, Supplement No. 3, Supplement No. 4 and Supplement No. 5** to EU-Type Examination Certificate No. **FTZÚ 08 ATEX 0200X.**

EU-Type Examination Certificate No. **FTZÚ 21 ATEX 0007X.**

Regular supervision over production quality assurance is realized by Notified Body EU No.1026 - FTZÚ Ostrava – Radvanice. Quality Assurance declaration No. **FTZÚ 02 ATEX Q 026**.

- For sensors with transmitters, the assessment of conformity has been carried out pursuant to:

- Directive 2014/34/EU of European Parliament and Council and standards:  
EN 60079-0:2018, EN 60079-11:2012, EN 60079-26:2015

EC verification of the type was realized by Notified Body EU No. 0620 KIWA Nederland B.V. EC-Type Examination Certificate No. **KIWA 14 ATEX 0003X**, valid from 07.07.2014

Regular supervision over production quality assurance is realized by Notified Body EU No.0539 – DEMKO A/S, Denmark.

- Directive 2014/30/EU of European Parliament and Council and standards:  
EN 61326-1:2013, EN 61326-3-1:2008

EU Declaration of Conformity from 23.11.2018, issued INOR Process AB

### **and declares that**

properties of the product comply with requirements of basic safety principles and requirements of technical regulations and the product is, subjected to the conditions of correct installation, maintenance, operation and application, safe for the specified purpose; measures have been taken to ensure compliance of all marketed products with technical documentation and basic requirements of said Directives.

Signed for and on behalf of:

Nová Paka, May 14<sup>th</sup>, 2024

Name: Petra Martincová  
Position: Quality Manager  
Signature:

