



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) to thermowell DIN without
transmitter or with transmitter, type 233

Resistance temperature sensor Ex d (Ex t, Ex i) to thermowell DIN with
connecting screw-joint on adapter without transmitter or with transmitter,
type 235

Resistance temperature sensor Ex d (Ex t, Ex i) to thermowell ČSN without
transmitter or with transmitter, type 243

Thermoelectric temperature sensor Ex d (Ex t, Ex i) thermowell DIN
without transmitter or with transmitter, type 333

Thermoelectric temperature sensor Ex d (Ex t, Ex i) to thermowell DIN
with connecting screw-joint on adapter without transmitter or with transmitter,
type 335

Thermoelectric temperature sensor Ex d (Ex t, Ex i) thermowell ČSN
without transmitter or with transmitter, type 343

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 thermowell of the sensor selected by the customer are suitable. They are designed for environments II 2G Ex db IIC T6...T1 Gb with explosive gaseous atmosphere according to EN 60079-10-1 and in environments II 2D Ex tb IIIC T 90°C...Tx°C Db with explosive gas atmosphere with flammable dust according to DIN 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

EC verification of the type was realized by Notified Body EU No. 1026 – FTZÚ Ostrava – Radvanice. EC-Type Examination Certificate No. **FTZÚ 08 ATEX 0199X and Supplement No. 1, Supplement No. 2, Supplement No. 3, and Supplement No. 4** to EU-Type Examination Certificate No. **FTZÚ 08 ATEX 0199X**.

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 24th, 2022

Name: Petra Martincová

Position: Quality Manager

Signature:

