

## 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**

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

**Name/Type:** Resistance temperature sensor to the thermowell DIN with transmitter or Ex i, type 231

Resistance temperature sensor to the thermowell ČSN with transmitter or Ex i, type 241

Resistance temperature sensor to the thermowell DIN with connecting screw-joint on adapter with transmitter or Ex i, type 236

Thermoelectric temperature sensor to the thermowell DIN with transmitter or Ex i, type 331

Thermoelectric temperature sensor to the thermowell ČSN with transmitter or Ex i, type 341

Thermoelectric temperature sensor to the thermowell DIN with connection screw-joint on adapter with transmitter or Ex i, type 336

### Basic data about product:

Sensor with transmitter is designed for such temperature measurement, which is required for a short time temperature response, small size and flexibility of the sensor, high mechanical resistance to shock and vibration resistance, rapid changes in temperature, a large insulation resistance at normal ambient temperature and at high temperatures, good general corrosion resistance and high accuracy. Areas of application can be eg. Nuclear power, steam boilers, pressurized water reactors, aircraft engines, plastics processing, paper and food industry. The sensor is designed according to ČSN EN 61140 ed.2 as electrical equipment of protection class III for the application in networks with the category of overvoltage in the installation II and pollution grade 2 according to EN 61010-1, up (evaluation) device shall comply with Art. 6.3 of this standard. The Ex i sensors designed for environments with a risk of explosion of group II 1G Ex ia IIC T5 / T6 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 60079-11:2012

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 2014/30/EU for transmitter type 420, manufacturer ZPA Nová Paka, a.s. pursuant to:
  - harmonised standard EN 61326-1:2013,
  - standard CISPR11 (Group 1, Class A),
  - standards/level of rigorousness EN 61000-4-2/B, EN 61000-4-3/B, EN 61000-4-4/B, EN 61000-4-5/B, EN 61000-4-6/B
- Directive 2014/30/EU and pursuant to standards for the individual types of transmitters for which EU declaration of conformity was issued by the manufacturer:

Type	Pursuant to the standards	EU Declaration of Conformity nr.	Issued by
TH 100	EN 61326-1:2013 EN 55011:2009/A1:2010 EN 61000-6-2 EN 61000-6-3:2007/A1:2011	A5E34145488A/004	Siemens AG
TH 200	EN 61326-1:2013 EN 55011:2009/A1:2010 EN 61000-6-2 EN 61000-6-3:2007/A1:2011	A5E35131629A/004	
TH 300	EN 61326-1:2013 EN 55011:2009/A1:2010 EN 61000-6-2 EN 61000-6-3:2007/A1:2011	A5E35131629A/004	
248 HA NA	EN 61326-1:2013	RMD 1049 Rev. N	EMERSON Process Management
644 HA NA	EN 61326-2-3:2013	RMD 1016 Rev. Y	
APAQ-HCF	EN 61326-1:2013	Issued 30.11.2018	INOR Process AB
APAQ-HRF		Issued 30.11.2018	
MESO-H		Issued 30.11.2018	
MINIPAQ-HLP		Issued 30.11.2018	

IPAQ-H		Issued 30.11.2018	
C130	EN 61326-1:2013 EN 61326-2-3:2013	Issued 30.09.2021	INOR Process AB
C202	EN 61326-1:2013 EN 61326-2-3:2013	Issued 14.01.2022	INOR Process AB
C520, C520S	EN 61326-1:2013 EN 61326-3-1:2008	Issued 30.11.2018	INOR Process AB
C330	EN 61326-1:2013 EN 61326-2-3:2013	Issued 07.02.2017	INOR Process AB
C530	EN 61326-1:2013 EN 61326-2-3:2013	Issued 20.03.2018	INOR Process AB
TMT 182	EN 61326-1:2013 EN 61326-2-3:2013	EC_00320_01.16	Endress+Hauser
5437A	EN 61326-1:2013	5437DoC_101	PR electronics A/S

**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 17<sup>th</sup>, 2022

Name: Petra Martincová  
Position: Quality Manager  
Signature:

