

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 to thermowell DIN without transmitter or with transmitter, type 233

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

Resistance temperature sensor Ex d to thermowell ČSN without transmitter or with transmitter, type 243

Thermoelectric temperature sensor Ex d thermowell DIN without transmitter or with transmitter, type 333

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

Thermoelectric temperature sensor Ex d 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 heat sink of the sensor selected by the customer are suitable. They are designed for environments II 2G Ex db IIC T1÷T6 Gb with explosive gaseous atmosphere according to EN 60079-10-1 and in environments II 2D Ex tb IIIC T=T_{media} Db with explosive gas atmosphere with flammable dust according to DIN EN 60079-10-2.

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:

ČSN EN 60079-0:2013+A11:2014, ČSN EN 60079-1:2015, ČSN 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 and Supplement No. 2** to EU-Type Examination Certificate No. **FTZÚ 08 ATEX 0199X**.

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	A5E35131629A/004	
TH 300	55011:2009/A1:2010 EN 61000-6-2 EN 61000-6-3:2007/A1:2011		
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	
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, October 23th, 2019

Name: Petr Fól
Position: Quality Manager
Signature:



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