

DECLARATION OF CONFORMITY

1. Declaration of Conformity

This Declaration of Conformity is made against the Electromagnetic Compatibility Directive 2014/30/EU and RoHS Directive 2011/65/EU.

2. Product model

NP785 Differential Pressure Transmitter product line consists of the following models:

NP785-05 (± 5 mbar)

NP785-20 (± 20 mbar)

3. Product description

The NP785 Differential Pressure Transmitter is suitable for use in HVAC applications such as environmental monitoring, climate control or environmental monitoring of industrial processes where robustness and high accuracy at low pressure ranges are required. Incorporates a high precision sensor and the stability required to perform differential pressure measurements. As a microprocessor, it can be configured using a USB or a RS485 interface via a Modbus RTU command.

The magnitude read by the sensor will be transmitted via the analogue output and it can be set to the electrical operating level of the sensor: 4-20 mA or 0-10 V. The device also offers a digital output with an alarm function.

4. Conformity

NP785 Differential Pressure Transmitter conforms to the following standards:

- EMC: EN 61326-1:2012

<u>Emission:</u>	<u>Standard</u>	<u>Description</u>
	CISPR11/EN55011	Radiated emission

<u>Immunity:</u>	<u>Standard</u>	<u>Description</u>
	EN61000-4-2	Electrostatic discharge test
	EN61000-4-3	Radiated, radio-frequency, electromagnetic field test
	EN61000-4-4	Electrical fast transient/burst test
	EN61000-4-5	Surge test
	EN61000-4-6	Conducted disturbances, induced by radio-frequency fields test
	EN61000-4-8	Power frequency magnetic field test

5. Manufacturer:

NOVUS PRODUTOS ELETRÔNICOS LTDA.
Rua Álvaro Chaves, 149
Porto Alegre, RS, BRAZIL 90220-040

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Miguel Fachin Jr.
R&D Director