

EU 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

TxIsoBlock-HRT.

3. Product description

The temperature transmitter TxIsoBlock-HRT is a programmable device that can be configured to work in a variety of industrial processes. The transmitter input can be configured to measure quantities from various types of thermoresistances, thermocouples, variable resistors, and voltage in mV.

The temperature transmitter converts the sensor measurement to a current range of 4-20 mA. This device also has the HART protocol 7. Through this protocol, the configuration and monitoring of the parameters can be performed digitally by the current loop itself.

This transmitter has isolation between input and output, improving the immunity to electromagnetic noise coming from other equipment in an industrial environment.

4. Conformity

The TxIsoBlock-HRT conforms to the following standards:

- EMC: EN 61326-1:2013 / IEC 61326-1:2012

<u>Emission:</u>	<u>Standard</u>	<u>Description</u>
	CISPR11/EN 55011	Radiated emission

<u>Immunity:</u>	<u>Standard</u>	<u>Description</u>
	EN/IEC 61000-4-2	Electrostatic discharge test
	EN/IEC 61000-4-3	Radiated, radio-frequency, electromagnetic field test
	EN/IEC 61000-4-4	Electrical fast transient/burst test
	EN/IEC 61000-4-5	Surge test
	EN/IEC 61000-4-6	Conducted disturbances, induced by radio-frequency fields test
	EN/IEC 61000-4-8	Power frequency magnetic field test

5. Manufacturer:

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