

DECLARATION OF CONFORMITY

1. Declaration of Conformity

This Declaration of Conformity is made against the Electromagnetic Compatibility Directive (2004/108/EC).

2. Product model

TxIsoRail-HART

3. Product description

The temperature transmitters TxIsoRail-HART (DIN rail mount) are programmable devices that can be configured to work in a variety of industrial processes. The input sensor can be configured to accept RTDs, thermocouples, resistance and mV. They convert the sensor signal into a 4-20 mA output proportional the measured value. These transmitters offer digital communication by means of the HART protocol, through which the transmitter configuration and input monitoring can be accessed. In this protocol, the digital communication is superimposed to the current loop.

4. Conformity

The TxIsoRail-HART conforms to the following standards:

- EMC: EN 61326-1:2006

Emission:	Standard	Description
	CISPR11/EN55011	Conducted and Irradiated emission

Immunity:	Standard	Description	Severity level
	EN61000-4-2	Electrostatic Discharge test	CD ± 4 kV AD ± 4 kV
	EN61000-4-3	Radiated Susceptibility test	3 V/m
	EN61000-4-4	Electrical Fast Transients	± 2 kV (on power supply) ± 500 V (on other inputs)
	EN61000-4-6	Conducted disturbances, Induced by radio frequency fields	3 V,RMS (on power supply)

- Safety: EN61010-1:2001

5. Manufacturer:

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