

DECLARATION OF CONFORMITY

1. Declaration of Conformity

This Declaration of Conformity is made against the Electromagnetic Compatibility Directive 2004/108/EC and the Low Voltage Directive 2006/95/CE.

2. Product models

N1040

3. Product description

The N1040 is a temperature controller with PID algorithm. It can be configured to accept a variety of temperature sensors, such as Pt100 and thermocouples. The outputs can be of relay type and logical pulse.

4. Conformity

The N1040 conforms to the following standards:

- EMC: EN 61326-1:2013

Emission:	Standard	Description
	CISPR11/EN55011	Conducted and Irradiated emission

Immunity:	Standard	Description	Severity level
	EN61000-4-2	Electrostatic Discharge test	CD 4 kV AD 8 kV
	EN61000-4-3	Radiated Susceptibility test	10 V/m
	EN61000-4-4	Electrical Fast Transients	±2 kV (on power supply) ±1 kV (on other inputs)
	EN61000-4-5	Voltage surge	±2 kV
	EN61000-4-6	Conducted disturbances, Induced by radio frequency fields	3 V,RMS
	EN61000-4-8	Magnetic Field Immunity	30 A/m, 50 Hz
	EN61000-4-11	Voltage dips, short interruptions	100% interruption for 10 ms

- Safety: EN 61010-1:2010

5. Manufacturer:

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