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DECLARATION OF CONFORMITY

1. Declaration of Conformity

This Declaration of Conformity is made against the Electromagnetic Compatibility Directive (89/336/EEC).

2. Product models

Temperature Controller N1020.

3. Product description

The N1020 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 or logical pulse. Digital communication is offered as an option.

4. Conformity

The N1020 is conform to the following standards:

- EMC: EN 61326-1:1997 and EN 61326-1/A1:1998

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: EN61010-1:1993 and EN61010-1/A2:1995 (UL file E300526)

5. Manufacturer:

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Porto Alegre, 02/MAR/2011

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