

DECLARATION OF CONFORMITY

1. Declaration of Conformity

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

2. Product model

Process Controller N1200.

3. Product description

The N1200 is a single loop process controller with self adaptive PID algorithm. It can be programmed to accept a variety of signals, including mV, V, mA, Pt100 and thermocouples. Multiple configurable outputs include relays, logical pulse and 0-20/4-20mA linear signal. Digital communication is offered as an option.

4. Conformity

N1200 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 8 kV
	EN61000-4-3	Radiated Susceptibility test	10 V/m
	EN61000-4-4	Electrical Fast Transients	±4 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: EN61010-1:2001 (UL file E300526)

5. Manufacturer:

NOVUS PRODUTOS ELETRONICOS LTDA
Rua Alvaro Chaves, 155
Porto Alegre, RS, BRAZIL 90220-040

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Miguel Fachin Jr.
R&D Director