

DECLARATION OF CONFORMITY

1. Declaration of Conformity

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

2. Product models

N1100 and N1100HC

3. Product description

The N1100 and N1100HC are process controllers with PID algorithm. They can be programmed to accept a variety of signals, including mV, V, Pt100 and thermocouples. The outputs can be of relay type or linear 4-20 mA. Digital communication is offered as an option.

4. Conformity

The products N1100 and N1100HC conform to the following standards:

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

<u>Emission:</u>	<u>Standard</u>	<u>Description</u>	
	CISPR11/EN55011	Conducted and Irradiated emission	

<u>Immunity:</u>	<u>Standard</u>	<u>Description</u>	<u>Severity level</u>
	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: EN61010-1:1993 and EN61010-1/A2:1995

5. Manufacturer:

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