

DECLARATION OF CONFORMITY

This Declaration of Conformity is issued under the sole responsibility of the manufacturer.

1. Declaration of Conformity

This Declaration of Conformity is made against the Electromagnetic Compatibility Directive 2014/30/EU, Low Voltage Directive 2014/35/EU and RoHS Directive 2011/65/EU.

2. Product models

N1050-PR; N1050-PR-24V; N1050-PRRR-485; N1050-PRRR-485-24V.

3. Product description

N1050 is a high performance PID temperature controller. It combines the proven robustness of NOVUS PID algorithm with a large and bright easy-to-read multicolor 11-segment LCD display with alphanumeric mnemonics and crystal clear status signaling.

Besides the PID auto-tuning capability, N1050 outputs PWM control mode through pulse or relay. With password protected, all parameters are configurable by the display menu, via USB port or optional RS485 Modbus interface.

4. Conformity

The object of the Declaration described above is in conformity with the relevant Union harmonization legislation:

- EMC: EN 61326-1:2013 / IEC 61326-1:2012

<u>Emission:</u>	<u>Standard</u>	<u>Description</u>
IEC/CISPR11	2009	Radiated and Conducted emission


<u>Immunity:</u>	<u>Standard</u>	<u>Description</u>
IEC 61000-4-2	2008	Electrostatic discharge
IEC 61000-4-3	2006 +A1: 2007 +A2: 2010	Radiated, radiofrequency, electromagnetic field
IEC 61000-4-4	2012	Electrical fast transient/burst
IEC 61000-4-5	2014 +A1: 2017	Surge
IEC 61000-4-6	2013	Conducted disturbances, induced by radio-frequency fields
IEC 61000-4-11	2004 +A1: 2017	Voltage dips, short interruptions

- Safety: UL 61010-1: 2010 +A1: 2016 UL File E300526

5. Manufacturer:

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Canoas, September 16th, 2021.



Sandro Rafael dos Santos
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