

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 (EU) 2015/863 amending Annex II to Directive 2011/65/EU.

2. Product model

N1020

3. Product description

The N1020 is a small and yet powerful temperature controller. It accepts most of the temperature sensors used in industry and its 2 outputs can be configured independently as control or alarm output. It also embeds an auto-adaptative PID control algorithm for best system performance.

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 +A1: 2010	Conducted and Radiated emission

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

- Safety: EN 61010-1:2010 (UL file E300526)

5. Manufacturer:

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Canoas, November 29th, 2021.



Sandro Rafael dos Santos
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