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 models

N1040, N1040-24V, N1040i, N1040i-24V, N1040T, N1040T-24V.

3. Product description

The N1040 products family is conceived for low-cost and high degree of accuracy applications. N1040 accepts Pt100, RTDs and thermocouples types J, K and T and features two outputs for control and alarm, universal power supply and automatic tuning of the PID parameters. The N1040i is a process indicator, compatible with most common thermocouples, Pt100, RTD and linear as 4 to 20 mA and mV. The N1040T is a time and temperature controller, developed with automatic tuning of PID parameters, ON-OFF control and fully configurable. Single model with 4 configurable outputs for process control, alarm or timing.

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

Emission:	Standard	Description
CISPR11	2009 +A1: 2010	Conducted and Radiated emission

Immunity:	Standard	Description
IEC 61000-4-2 2008		Electrostatic discharge
IEC 61000-4-3 2006 +A1: 2007 +A2: 2010		Radiated 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 and voltage variations

- Safety: EN 61010-1:2010 +A1: 2016   UL file E300526

5. Manufacturer:

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Canoas, February 1st, 2022.

Sandro Rafael dos Santos
R&D Director