

DECLARATION OF CONFORMITY

1. Declaration of Conformity

This Declaration of Conformity is made against the Electromagnetic Compatibility Directive 2004/108/EC (until 19 April 2016) and 2014/30/EU (from 20 April 2016), Low Voltage Directive 2014/35/EU and RoHS Directive 2011/65/EU.

2. Product model

N1540

3. Product description

N1540 is a quite versatile process indicator. With a wide list of input types - thermocouples, thermo-resistance, voltage and current – the N1540 is capable of measuring the majority of the variables and sensors encountered in industrial processes. It contains two alarms (six functions), sensor offset, configuration of parameters protected by password, serial communication, indication in degrees Celsius (°C) or Fahrenheit (°F), among others.

4. Conformity

The N1540 conforms to the following standards:

- EMC: EN 61326-1:2013

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	3 V/m
	EN61000-4-4	Electrical Fast Transients	±4 kV (on power supply) ±500V (on other inputs)
	EN61000-4-5	Voltage surge	±2 kV
	EN61000-4-6	Conducted disturbances, Induced by radio frequency fields	10 V,RMS
	EN61000-4-8	Magnetic Field Immunity	30 A/m, 50 Hz
	EN61000-4-11	Voltage dips, short interruptions	100% interruption for 10ms

- Safety: EN61010-1:2010 (UL file E300526)

5. Manufacturer:

NOVUS PRODUTOS ELETRONICOS LTDA.
Rua Alvaro Chaves, 149
Porto Alegre, RS, BRAZIL 90220-040

Porto Alegre, 24/May/2017



Miguel Fachin Jr.
R&D Director