

## DECLARATION OF CONFORMITY

### 1. Declaration of Conformity

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

### 2. Product type

Process transmitter

### 3. Product model

DigiRail-2A

### 3. Product description

The DigiRail-2A is a DIN rail configurable transmitter with RS485 communication interface and Modbus RTU protocol. It can be programmed to accept a variety of signals, including mV, mA, Pt100 and thermocouples.

### 4. Conformity

The DigiRail-2A conforms 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 2-4 kV AD 2-8 kV
	EN61000-4-3	Radiated Susceptibility test	10 V/m
	EN61000-4-4	Electrical Fast Transients	±1 kV (power supply input) ±0,5 kV (sensor input)
	EN61000-4-6	Conducted disturbances, Induced by radio frequency fields	10 V,RMS (sensor and power supply inputs)

- Safety: EN61010-1:1993 and EN61010-1/A2:1995

### 5. Manufacturer:

NOVUS PRODUTOS ELETRONICOS LTDA  
Rua Alvaro Chaves, 155  
Porto Alegre, RS, BRAZIL 90220-040

Porto Alegre, 10/AUG/2005



Miguel Fachin Jr.  
R&D Director