

DECLARATION OF CONFORMITY

1. Declaration of Conformity

This Declaration of Conformity is made against the Electromagnetic Compatibility Directive 2014/30/EU.

2. Product model

AirGate-Modbus

3. Product description

AirGate-Modbus is an equipment with communication gateway function between a network with Modbus RTU protocol over RS485 and a wireless network with proprietary protocol over IEEE 802.15.4.

4. Conformity

The AirGate-Modbus 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	10 V/m (80 MHz to 1 GHz) 3 V/m (1.4 GHz to 2 GHz) 1 V/m (2.0GHz to 2.7GHz)
	EN61000-4-4	Electrical Fast Transients	±1 kV (on power supply) ±1 kV (on other inputs)
	EN61000-4-6	Conducted Susceptibility test	10 VRMS
	EN61000-4-8	Magnetic Field Immunity	30 A/m, 50 Hz

5. Manufacturer:

NOVUS PRODUTOS ELETRONICOS LTDA
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Porto Alegre, Aug 30th, 2017.



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