

DECLARATION OF CONFORMITY

In accordance with ISO/IEC 17050-1



Manufacturer's Name: Continental Control Systems, LLC

Manufacturer's Address: 2150 Miller Dr., Suite A
Longmont, CO 80501, U.S.A.

Product Names: WattNode® Modbus®, WattNode® Wide-Range Modbus®

Model Numbers: WND-WR-MB

Product Options: This declaration covers all options of the product.

The products described above conform with the following:

EMC:

The requirements of the European Parliament Directive 2014/30/EU Electromagnetic Compatibility and FCC Part 15.

- EN 55011: 2009 + A1:2010, CISPR 11: 2010-05 – Class B
- FCC Part 15 – Class B
- IEC 61326-1:2012 Industrial Locations – Electrical equipment for measurement, control, and laboratory use.
 - IEC 61000-3-2: 2006 +A1:2009 +A2:2009 – Harmonics (Pass)
 - IEC 61000-3-3: 2008 – Flicker (Pass)
 - IEC 61000-4-2: 2008 – Electrostatic Discharge (Pass, B: self-recovering)
 - IEC 61000-4-3: 2006 +A1:2007 +A2:2010 – Radiated RF Immunity (Pass, A: no degradation)
 - IEC 61000-4-4: 2004 +corr:2007 +A1:2010 – Electrical Fast Transient/Burst (Pass, A: no degradation)
 - IEC 61000-4-5: 2005 +corr:2010 – Surge Immunity (Pass, B: self-recovering)
 - IEC 61000-4-6: 2008 – Conducted RF Immunity (Pass, A: no degradation)
 - IEC 61000-4-8: 2009 – Power Frequency H-field (Pass, A: no degradation)
 - IEC 61000-4-11: 2004 – Voltage Dips and Interrupts (Pass, A: no degradation, B for five second interruption)

Safety:

The requirements of the European Parliament Directive 2014/35/EU Low Voltage Directive, UL, and CSA.

- UL 61010-1, 3rd Edition (based on IEC 61010-1:2010) – Standard for Safety of Electrical Equipment for Measurement, Control and Laboratory Use; Part 1: General Requirements. UL File# E359088.
- CAN/CSA-C22.2 No 61010-1-12, 3rd Edition – Canadian Standard for Safety of Electrical Equipment for Measurement, Control and Laboratory Use; Part 1: General Requirements
- IEC 61010-2-030:2010 – Safety requirements for electrical equipment for measurement, control, and laboratory use - Part 2-030: Particular requirements for equipment having testing or measuring circuits

RoHS:

The requirements of the European Parliament Directive 2011/65/EU Restriction of the Use of Certain Hazardous Substances in Electrical and Electronic Equipment.

- EN 50581: 2012 – Technical documentation for the assessment of electrical and electronic products with respect to the restriction of hazardous substances
- IEC TR 62476: 2010 – Framework for the use of internationally accepted standards, tools and practices to evaluate electrical and electronic products with respect to hazardous substances
- IEC 63000: 2016 – Specifies the technical documentation that the manufacturer complies with to declare compliance with the applicable substance restrictions

Longmont, Colorado, U.S.A.

November 26, 2018



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Director of Engineering

Continental Control Systems, LLC

<https://ctlsys.com>