



S1 Anemometer

Declaration of Conformity

(in accordance with ISO/IEC 17050-1:2004)

NRG Systems Document Number: 14343 Rev B

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Declares under its sole authority that the Products: S1 Anemometer, including:

Table with 2 columns: Product Description, Item Numbers. Row 1: Sensor, Anemometer, S1 | Item 9412. Row 2: Cable-Assy, S1, 3C, 22AWG, M12 (various lengths) | Items 12644, 12645, 12646, 12647, 12648, 12649, 12650, 12651, 12652, 12653, 12675

are in conformity with the requirements of the relevant Union harmonization legislation and technical specifications below:

EMC:

Directive 2014/30/EU of the European Parliament and of the Council of 26 February 2014 on the harmonization of the laws of the Member States relating to electromagnetic compatibility (recast)

EN 61326-1:2013 Electrical equipment for measurement, control, and laboratory Use - EMC requirements; Clause 7.2:

- CISPR 11 Edition 5.0: 2009, A1:2010 Radiated Emissions, Group 1, Class A
EN 61326-1:2013; Table 1:
IEC 61000-4-2: 2008 Electrostatic Discharge
IEC 61000-4-3: 2006, A1: 2007, A2: 2010 Radiated Immunity
IEC 61000-4-4: 2004, A1: 2010 EFT/Burst, I/O Ports
IEC 61000-4-5: 2005 Surge Immunity, I/O Ports
IEC 61000-4-6: 2008 Conducted Immunity, I/O Ports

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RoHS:

Directive 2011/65/EU on the restriction of the use of certain hazardous substances in electrical and electronic equipment

Safety:


Directive 2001/95/EC of the European Parliament and of the Council of 3 December 2001 on general product safety

IEC 61010-1:2010+AMD1:2016 CSV Safety requirements for electrical equipment for measurement, control, and laboratory use – Part 1: General requirements

Additional Information:

1. This product complies with the requirements of the applicable directives **2014/30/EU, 2011/65/EU,** and standard **2001/95/EC** and therefore, the product is CE marked in accordance with **93/68/EEC**.
2. All circuits are extra low voltage (ELV), therefore **Directive 2014/35/EU of the European Parliament and of the Council of 26 February 2014 on the harmonization of the laws of the Member States relating to the making available on the market of electrical equipment designed for use within certain voltage limits**, known as the Low Voltage Directive (LVD), does not apply.
3. All operating frequencies are less than 9 kHz, therefore FCC compliance is assumed.
4. The design documentation, test reports, and assessment laboratory accreditation are under document control in NRG Systems, Engineering Department.

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Michael Purdue, VP of Engineering