

NRG RH5X Relative Humidity Sensor

Declaration of Conformity, CE

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

NRG Systems Document Number: 18972 Rev B

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Declares under its sole authority that the Products: NRG RH5X, including:

Description	Product Item Number (See Additional Information, Item 3, below)
Sensor-RH5X, Relative Humidity, 0 to 5 V Out	Item 9464
Sensor-RH5X, Relative Humidity, Calibrated	Item 8811

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

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

Delegated Directive 2015/863 of 31 March 2015 amending Annex II to Directive 2011/65/EU of the European Parliament and of the Council as regards the list of restricted substances

Safety:**Directive 2014/35/EU of the European Parliament and of the Council of 3 December 2011 on the Low Voltage Directive**

EN 61010-1:2017+A1:2016+A2:2019

CISPR 11:2015

Class B - Radiated Emissions

EN 61326-1:2013

IEC 61000-4-2: 2008

Class B - Electrostatic Discharge

IEC 61000-4-3: 2010

Class A - Radiated Immunity

IEC 61000-4-4: 2012

Class B - Electrical Fast Transient

IEC 61000-4-5: 2014+A1:2017

Class B - Surge (DC/IO)

IEC 61000-4-6: 2013

Class A - Conducted Immunity

IEC 61000-4-8: 2009

Class A - Magnetic Field Immunity

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Additional Information:

1. This product complies with the requirements of the applicable directives **2014/35/EU** and **2011/65/EU** therefore, the product is CE marked in accordance with **93/68/EEC**.
2. The design documentation and test reports are under document control in NRG Systems, Engineering Department.
3. RH5X Serial Numbers consist of a four-digit product number (9464, for example) plus a serial string. NRG Sensors bearing serial numbers of the patterns 9464XXXXXX and 8811XXXXXXXXX conform to CE requirements.

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