



DECLARATION OF CONFORMITY

RAD8 Electronic Radon Detector

DURRIDGE Company, Inc. declares under our sole responsibility that the product to which this declaration relates is in conformity with the following standards or other normative documents.

Radiated and Conducted Emissions Class A:

- 47 CFR, FCC Part 15, Subpart B (using ANSI C63.4:2014)
- EN 55011:2016/A2:2021 (ISM)
- CISPR 11:2019

Immunity: EN IEC 61326-1:2021

- EN 61000-4-2:2009 maximum ± 4 kV using the direct contact method and maximum ± 8 kV using the air method
- EN 61000-4-3:2006 10 V/m from 80 MHz to 1 GHz and 3 V/m from 1.2 GHz to 2.7 GHz per EN 61326-1:2020 with 80% AM at 1 kHz and a dwell time of 1 second
- EN 61000-4-4:2012 ± 0.5 kV and ± 1.0 kV on the AC power lines and 5 kV on the I/O cables
- EN 61000-4-5:2014+A1:2017 ± 0.5 kV, ± 1.0 kV, and ± 2.0 kV surges on the AC input
- EN 61000-4-6:2014 3 V_{rms} from 0.15 MHz to 80 MHz with 1% AM at 1 kHz with a 1 second dwell on the AC Input and I/O cables.
- EN IEC 61000-3-2:2019/A1:2021 distortion of less than 3%.
- EN 61000-3-3:2013/A2:2021 distortion of less than 3%.

Adam Shrey

DURRIDGE Company Product Development Engineer



Signature

900 Technology Park Drive, Billerica, MA USA Sept 24, 2024

Place of Issuance

Date of Issuance