



Edward J. Mansfield, P.E.
Senior Director - Operations
484 653 2600 (office)
emansfield@amsteddigital.com

Dear Sir or Madam,

This application for FCC ID: 2ADEPWSN4-A will cover six variants of the same base wireless sensor. Each variant utilizes the same PCB, same processor, same clocks, same wireless network module and same antenna. The only difference between them are the discrete sensor elements that are attached to the processor. These model variants as follows:

- WSN-401 – Sensor, open/close, magnetic, digital
- WSN-407 – Sensor, tilt
- WSN-408 – Sensor, open/close, magnetic, analog
- WSN-413 – Sensor, empty/loaded, magnetic, digital
- WSN-414 – Sensor, external temperature
- WSN-415 – Sensor, onboard weighing system

The first four variants are entirely encapsulated within a potted housing. The last two have wired extensions to external sensors such as a resistive temperature sensor (WSN-414) or a strain gauge (WSN-415).

Sincerely,

A handwritten signature in black ink, appearing to read "Edward J. Mansfield", is written over a horizontal line.

Edward Mansfield
Senior Director - Operations
Amsted Digital Solutions