

S-WSB-M003

## Wind Speed Smart Sensor

Measures wind speed from 0 to 76 m/s (0 to 170 mph); 3 m cable length.



### Supported Measurements

Evapotranspiration, Wind

#### Contact Us

Sales (8am to 5pm ET, Monday through Friday)

- Email [sales@onsetcomp.com](mailto:sales@onsetcomp.com)
- Call 1-508-759-9500
- In U.S. toll free 1-800-564-4377
- Fax 1-508-759-9100

Technical Support (8am to 5pm ET, Monday through Friday)

- Contact Product Support [www.onsetcomp.com/support/contact](http://www.onsetcomp.com/support/contact)
- Call 1-508-759-9500
- In U.S. toll free 1-877-564-4377

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## Wind Speed Smart Sensor (S-WSB-M003) Specifications

**Measurement parameters** average wind speed and highest 3 second gust in logging interval

**Measurement range** 0 to 76 m/s (0 to 170 mph)

**Operating temperature range** -40° to 75°C (-40° to 167°F)

**Accuracy** ±1.1m/s (2.4 mph) or ±4% of reading whichever is greater

**Resolution** 0.5 m/s (1.1 mph)

**Starting threshold** 1 m/s (2.2 mph)

**Maximum wind speed survival** 76 m/s (170 mph)

**Distance constant** 3 meters

**Housing** 3 cup anemometer with TEFLON® bearings and hardened beryllium shaft

**Dimensions** 190 cm x 51 cm (7.5" x 3.2)

**Approximate weight** 300 g (10 oz)

**Cable length** 3 meter (10')

**Length of Smart Sensor Network Cable** 0.5m

**Service life** greater than 5 year life typical

*Note:* Cross arm recommended or pole mount (2 hose clamps required for pole mount)

The CE marking identifies this product as complying with all relevant directives in the European Union (EU). To minimize measurement errors due to ambient RF, use the shortest possible probe cable length and keep the probe cable as far as possible from other cables.

