



Anemometer Wind Speed Sensor w/Analog Voltage Output

PRODUCT ID: 1733



. Description

An anemometer is a device used for measuring wind speed, and is a common weather station instrument. This well made anemometer is designed to sit outside and measure wind speed with ease.

To use, connect the black wire to power and signal ground, the brown wire to 7-24VDC (we used 9V with success) and measure the analog voltage on the blue wire. The voltage will range from 0.4V (0 m/s wind) up to 2.0V (for 32.4m/s wind speed). That's it! The sensor is rugged, and easy to mount. The cable can easily disconnect with a few twists and has a weatherproof connector.

Note: As of 11/06/2014, shipping weight has been changed on this product to match UPS' new dimensional weight regulations.

. Technical Details

Dimensions:

- Height (base to center): 105mm / 4.1"
- Center out to Cup: 102mm / 4"
- Arm Length: 70mm / 2.8"
- Weight: 111.8g

Wire Dimensions:

- Wire Length: 99cm / 39"
- Plug Length: 30mm / 1.2"
- Diameter (thickness): 4.8mm / 0.2"

Specifications

- Output: 0.4V to 2V
- Testing Range: 0.5m/s to 50m/s
- Start wind speed: 0.2 m/s
- Resolution: 0.1m/s
- Accuracy: Worst case 1 meter/s
- Max Wind Speed: 70m/s
- Connector details: Pin 1 - Power (brown wire), Pin 2 - Ground (black wire), Pin 3 - Signal (blue wire), Pin 4 not connected