



Ultrasonic Wind Sensor S80122

- 2 Axis
- No maintenance
- No moving parts
- Streamlined molded frame

The sensor features durable, corrosion-resistant construction with opposing pairs of ultrasonic transducers secured in a streamlined molded frame. This model is fully wind-tunnel tested and calibrated to provide accurate wind measurement over a wide operating range. Voltage outputs are provided for wind speed and wind direction. A variety of serial output formats are also available on the standard sensor. The sensor installs on readily available 1 inch (IPS) pipe.





Technical Specifications

S80122

Specifications:

Wind Speed:	0 to 70 m/s (0 to 156 mph) Resolution: 0.1 m/s Accuracy: $\pm 2\%$ or 0.1 m/s (30 m/s), $\pm 3\%$ (70 m/s)
Wind Direction:	0 to 360 degrees Resolution: 1 degree Accuracy: ± 2 degrees
Serial Output:	RS-232 or RS-485 Formats: ASCII TEXT, RMYT, NMEA, SDI-12 Units: m/s, MPH, Knots, Km/hr
Analog Voltage Outputs:	Wind Speed: 0 to 5000 mV Wind Direction: 0 to 5000 mV
Power Requirement:	9 to 16 VDC, 30 mA typical (less than 1mA standby)
Operating Temperature:	-50 to +50 C
Dimensions:	34cm high x 17cm wide Weight: 0.7 kg (1.5 lb) Shipping Weight: 1.6 kg (3.5 lb)