

ULTRA-LOW-POWER ULTRASONIC WIRED MINI WIND SENSOR

Power: 3..3 - 5 VDC

Information Given:

- Wind Speed

Range: 0.5 - 45 m/s or 0.5 - 25 m/s
(1.12 to 56 mph or 1.12 to 100 mph)

Accuracy: 0.1 m/s at 10 m/s (0.22 in. at 22 mph)

Threshold: 1 m/s (2.24 mph)

- Wind Direction:

Range: 0- 359°

Accuracy: $\pm 1^\circ$ RMS at 10 m/s
(22.37 mph)

Measurement:

- Power Consumption

(UART) 0.15 mA at 38,400 bauds, 1 Hz (5V)

Baudrate: 1,200 to 115,200 (8n1) bauds



Output rate: 0.1 to 20 Hz

Output units: m/s, Knots, or Km/h

Sensor: Ultrasonic Transducers (4x)

Dimensions: Diameter: 43 mm (1.69 in.)
Height: 47 mm (1.85 in.)
Weight: 78 grams (2.75 oz.)

Environmental:

- IP Protection

IPX8

- Temperature Range

-15/55° C (5/131° F)

Firmware Upgradable

Data Output:

-UART - Autotransit
 - POLL Telegram

