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ULTRA-LOW-POWER ULTRASONIC SUMMIT HEATED WIND SENSOR

Power: 12 VDC (Heating) and 3.3-18 VDC (Wind Meter)

Information Given:

- Wind Speed
  - Range: 0.5 - 45 m/s (1.12 to 100 mph) or 0 - 25 m/s (0 to 56 mph)
  - Accuracy: 0.1 m/s at 10 m/s ((0.22 in. at 22 mph)
  - Threshold: 0.5 m/s (1.12 mph)
- Wind Direction:
  - Range: 0- 359°
  - Accuracy: ±1° RMS at 10 m/s (22.37 mph)

Measurement:

- Power Consumption
  - (MODBUS) 0.25 mA at 38,400 bauds, 1 Hz (5V)
  - (RS485) 0.25 mA at 38,400 bauds, 1 Hz (5V)

Baudrate: 1,200 to 115,200 (8n1) bauds
Output rate: 0.1 to 10 Hz
Output units: m/s, Knots, or Km/h

Material Heated Machined Aluminum

Easy Mount
- 3xM4 lateral female tripod thread - UNC1/4"-20
- 3xM4 inferior female tripod thread - UNC1/4"-20

Sensor: Ultrasonic Transducers (4x)

Dimensions: Diameter: 70 mm (2.76 in.)
Height: 83 mm (3.27 in.)
Weight: 418 grams (14.7 oz.)

Environmental:

- IP Protection IPX8
- Temperature Range -40/60° C (-40/140° F)

Firmware Upgradable (Configurable via cable)

Data Output:		SKU
-RS485 / MODBUS	Stream or Poll	CMI1031

If you require a cable length longer than 20 meters (MODBUS), we can provide support. Please contact our technical support team for assistance.

ULP SUMMIT
SPECS SHEET
English version 1.0
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