CALYPSO instruments

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ULTRA-LOW-POWER ULTRASONIC PRO WIND SENSOR (ULP PRO)

Power: 3..3 - 18 VDC

Information Given:

- Wind Speed

Range: 0.5 - 45 m/s (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- 359º

Accuracy: ±1º RMS at 10 m/s (22.37 mph)

Measurement:

- Power Consumption

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

(RS485) 0.25 mA at 38400 bauds, 1 Hz (5V)

Baudrate: 2,400 to 115,200 (8n1) bauds

Output rate: 0.1 to 20 Hz

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

Easy Mount
- 2xM3 lateral female tripod thread UNC1/4"-20
- 3xM3 base female tripod thread UNC1/4"-20 UNC1/4"-20

Sensor: Ultrasonic Transducers (4x)

Dimensions:
Diameter: 68 mm (2.68 in.)
Height: 65 mm (2.55 in.)
Weight: 200 grams (7.05 oz.)

Environmental:

- IP Protection IPX8

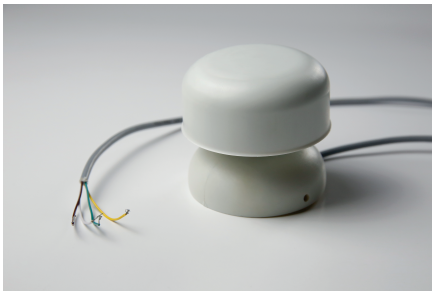
- Temperature Range

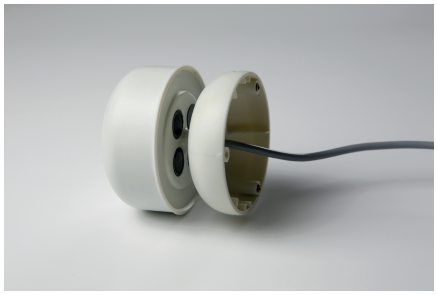
-15/55º C (5/131º F) if no frost

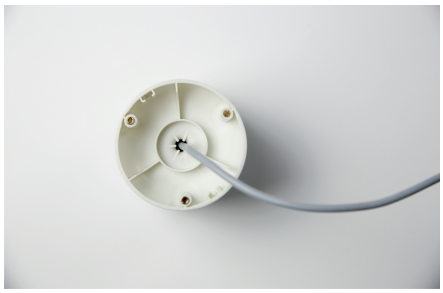
Firmware upgradable. Configurable via cable.

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

Data Output:		SKU
- RS485 (NMEA 0183)/ MODBUS	-Stream or Poll	CMI1019
- UART (NMEA 0183)		CMI1032
- DAVIS compatible	-Stream or Poll	







ULP PRO
SPECS SHEET

English version 1.0
25.05.2023

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