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Wind Tracker

Wind Speed and Direction Display

The Wind Tracker presents wind speed and direction information in a compact display unit. It provides an easy to read visual display of wind speed, peak gust, wind direction, and variable direction.

Wind speed is displayed in units of knots, miles per hour, kilometers per hour, or meters per second. Maximum wind speed is saved on the display until reset by the user. Wind direction information is clearly displayed on a circular compass pattern of LED's. Multicolored segments give a quick visual indication of current direction and variable direction. The brightness control allows adjustment for best viewing in any light.

The Wind Tracker features rear panel outputs that can be connected to a recorder or data logger. A variety of inputs and outputs are standard, including 4-20 mA, RS-485 serial, and voltage. Alarms are included for both wind speed and any wind direction sector. The Wind Tracker works with all the Mesotech wind sensors (consult our technical support staff).

Designed in an attractive compass display, the Wind Tracker fits a DIN 144 mm x 144 mm panel cutout. The depth is 36 mm for easy mounting on vertical bulkheads or wall surfaces. The unit can be powered by external 12 volt batteries or an AC wall transformer.

A marine version is available for shipboard use. Instead of the normal 0-360^{o} scale for N, S, E, and W, the marine scale indicates the bow at 0^{o} and the stern at 180^{o}.

Technical Specifications

Inputs:	Wind Monitor, Wind Sentry TFV4056, 4-20 mA, RS-485
Outputs:	0-5 VDC, RS-485 to remote displays, WS/WD alarm relays (30 second delay)
Power:	12 – 30 VDC, AC adapter supplied
Wind speed range:	100 mph, 50 m/s, 200 km/hr, 100 kt
Wind direction range:	0-360^{o}, 36 points at 10^{o}
Remote displays:	Up to 16 units connected in parallel
Dimensions:	144 mm x 144 mm x 36 mm
Weight:	1 kg (2 lbs)

Ordering Information

06201	Wind Tracker
06201H	Wind Tracker, 230VAC, 50-60 Hz
06206	Marine Wind Tracker
06206H	Marine Wind Tracker, 230VAC, 50-60 Hz
06280	Rack mount panel
06260	Protective enclosure

Specifications subject to change without notice. Printed in USA.
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