

# WE570 Wind Direction Sensor

Rugged Wind Direction Transmitter



## Features

- Fully encapsulated electronics
- Accurate 4-20 mA output
- Marine grade cable with strain relief

## Description

Global Water's highly accurate WE570 Wind Direction Sensor is designed to accurately measure wind direction even in the harshest environments. The WE570 is molded to 25' of marine grade cable, with lengths up to 500' available upon request. The unit's electronics are completely encapsulated in marine grade epoxy within a rubber sleeve. The output is 4-20 mA with a two wire configuration, which is compatible with Global Water's GL500 Global Logger and PC300 Process Controller.

## Specifications

Type	Wind vane with potentiometer
Output	4-20 mA
Range	0 to 360° (352° electrical, 8° open)
Sensitivity	1 m/s (2.2 mph)
Accuracy	1% full scale
Operating Voltage	10 to 36 VDC
Current Draw	Same as sensor output
Warm-up Time	3 seconds minimum
Operating Temperature	-40° to +55°C
Sensor Size	8½" dia. x 10½" (21.5 cm dia. x 26.7 cm)
Weight	1 lb (454 g)

## Ordering & Options

Order No.	Description
WE570	Wind Direction Sensor (includes 25' cable)
WQEXC	Extra Sensor Cable, per foot (up to 500')



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