

WE550 Wind Speed Sensor

Rugged Wind Speed Transmitter



Description

Global Water's highly accurate WE550 Wind Speed Sensor is constructed of high-impact materials, ensuring its durability and ruggedness even in severe weather conditions. The sensor has a very low threshold, so it responds accurately to subtle changes in wind speed. The sensor is molded to 25' of marine grade cable, with lengths up to 500' available upon request. The sensor's output is 4-20 mA with a two wire configuration. The unit's electronics are completely encapsulated in marine grade epoxy within a rubber sleeve.

Specifications

Type	Three cup anemometer
Threshold	<=3 mph (1.35 m/s)
Output	4-20 mA
Range	0 to 50 m/s (110 mph)
Accuracy	0.2 mph over the range 11 to 55 mph
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	7" dia. x 8½" tall" (17.8 cm dia. x 21.6 cm tall)
Weight	1 lb (454 g)

Features

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

Ordering & Options

Order No.	Description
WE550	Wind Speed Sensor (includes 25' cable)
WQEXC	Extra Sensor Cable, per foot (up to 500')

Regional Distributor



Global Water
The Leader in Water Instrumentation

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