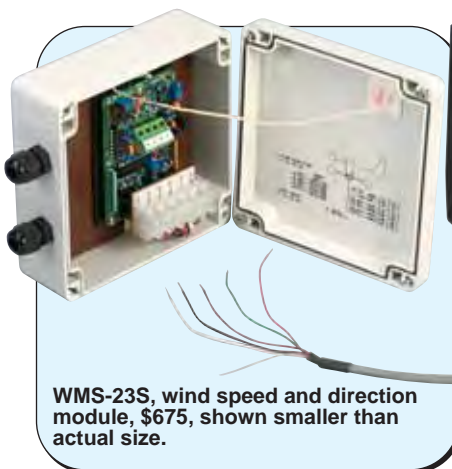


Wind Monitor Stations

with Dry Contact Alarm or Analog Outputs



WMS-21, dual setpoint wind station, \$690, shown smaller than actual size.



WMS-23S, wind speed and direction module, \$675, shown smaller than actual size.



WMS-23, wind speed and direction module, \$730, shown smaller than actual size.

WMS Series
Starts at
\$675



The WMS-20 Series consist of 3 individual wind monitor stations. The WMS-21 is a microprocessor-based wind alarm station. It sounds an alarm buzzer and controls the operation of 2 electrical circuits whenever wind speed reaches either of 2 independent setpoints. An LCD display provides a readout of the measured wind speed and is also used to set the value of the setpoints which are stored in non-volatile memory. Self-contained relays for each alarm point can be used to actuate external devices such as air samplers or sirens. The WMS-23 Series monitors wind speed and direction. Two versions are offered; WMS-23S measures wind speed only, while the WMS-23 measures both wind speed and direction. Each parameter is converted into a 4 to 20 mA signal for use by process controllers or monitoring systems.

Specifications

WMS-21

Wind Speed

Measurement Range: 0 to 100 mph

Transducer Type: Reed switch

Avg Speed Resolution: 0.1 mph

Threshold Speed: 0.8 mph

Measurement Accuracy:

1 mph or 3%

Controls: Protected push-button for run, or set variables, select menu items, increment and decrement alarm values

Alarm On/Off Delay Range:

0 to 99 sec

Contact Ratings: 3 A SPDT

@ 24 Vdc

Display: 2 line x 16 character LCD

Character Size: 3 x 8 mm

Setpoint 1 and 2: LED

Supply Voltage: 12 Vac or Vdc

Supply Current: 50 mA,

5 mA nominal

Operating Temperature:

-20 to 50°C (-4 to 122°F)

Dimensions:

Anemometer:

114.3 H x 215.9 W mm (4.5 x 8.5")

Sensor Cable Length: 12 m

(40'), supplied

Electronics Enclosure Size:

119.3 H x 198.1 W x 88.9 D mm

(4.7 x 7.8 x 3.5")

WMS-23 (Wind Speed and Direction)

WMS-23S (Wind Speed)

Measurement Range: 0 to 100 mph

Transducer Type: Reed switch

Threshold Speed: 0.8 mph

Measurement Accuracy:

1 mph or 3%

WMS-23 Only (Wind Direction)

Azimuth Accuracy: ± 3%

Mechanical Range: 0 to 360°

Potentiometer Gap: 5°

Threshold: 1.2 mph

Measurement Range: 0 to 360°

Current Loop:

Output Span: 4 to 20 mA

Proportioned: 0 to 100 mph, 0 to 360°

Circuit Time Constant: 1 sec

2-Wire Loop Interface: Screw terminal block

Supply Voltage: 8 to 30 Vdc

Operating Temperature:

-40 to 40°C (-40 to 104°F)

Dimensions:

Anemometer and Vane:

305 H x 254 W mm (12 x 10")

Anemometer Only:

114.3 H x 215.9 W mm

(4.5 x 8.5")

Sensor Cable Length: 12 m

(40'), supplied

Electronics Enclosure Size:

114.3 H x 114.3 W x 63.5 D mm

(4.5 x 4.5 x 2.5")

☐ **MOST POPULAR MODELS HIGHLIGHTED!**

To Order (Specify Model Number)

Model No.	Price	Description
WMS-21	\$725	Dual setpoint wind station
WMS-23S	675	Wind speed only 4 to 20 mA output
WMS-23	730	Wind speed/direction 4 to 20 mA output
WMS-EC-40	40	12 m (40') extension cable

Comes with sensor cable and operator's manual.

Ordering Example: WMS-23, wind speed/direction wind station with 4 to 20 mA output and cable, \$730, and WMS-EC-40, 12 m (40') extra extension cable, \$40, \$730 + 40 = \$770.

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• Heaters

Band Heaters, Cartridge Heaters, Circulation Heaters, Comfort Heaters, Controllers, Meters and Switching Devices, Flexible Heaters, General Test and Measurement Instruments, Heater Hook-up Wire, Heating Cable Systems, Immersion Heaters, Process Air and Duct, Heaters, Radiant Heaters, Strip Heaters, Tubular Heaters