

Economical Wind Sensors

Model - WS-MM-MW41 Wind Speed Sensor



The model WS-MM-MW41 wind speed sensor uses the proven cup anemometer technology with a digital optical output for accuracy and durability. The anemometer has a photo-interrupter disc with 12 pulses per revolution to provide a high resolution frequency signal.

SPECIFICATIONS:

General Requirements:

Power: 8VDC / 15mA

Measurements:

Resolution: 0.07 m/sec
Range: 0-30 m/sec
Inaccuracy: <0.9m/s

Materials:

ABS/Polyamide

Output:

0-435 Hz at 0-30 m/sec

Dimensions:

Cup assembly - 120 mm dia., housing - 85mm high.

Cable:

20 metres of 3 core cable standard.

Model - WS-MM-MW42 Wind Direction Vane



The model WS-MM-MW42 wind direction vane gives a 4-bit Gray Code output generated by a digital optical system within the head.

SPECIFICATIONS:

General Requirements:

Power: 8VDC / 30mA

Measurements:

Resolution: 22.5°
Range: 0-360 degrees

Materials:

ABS/Polyamide

Output:

4-bit parallel Gray Code

Dimensions:

Vane - 155 mm x 220 mm, housing - 28 mm dia.

Cable:

20 metres of 6 core cable standard.

Cable Colour Code for WS-MM-MW41	
White	8VDC / 15mA
Brown	GND
Green	Output (pulse)

ORDERING INFORMATION:

Model	Description
WS-MM-MW41	Cup Anemometer
WS-MM-MW42	Wind Vane
WS-MM-MW85	Mounting Bracket Assembly

Cable Colour Code for WS-MM-MW42	
White	WD2
Brown	GND
Green	WD0
Gray	WD3
Pink	8VDC / 30mA
Blue	WD1

WSMM4142-1.0-0

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