

Model: SEN-WS

Description:

The Model SEN-WS, 3-Cup Anemometer is a traditional type, sensitive sensor for horizontal wind speed measurement.

Features:

- Pulse output for wind speed sensor
- Constructed with lightweight and UV resistant plastic cups
- Mounting bracket installs on standard 1 inch pipe Supplied with an aluminum mounting bracket with 2 holes for screws.

Applications:

- wind resource assessment
- meteorological studies
- Velocities measurement in ducts

Speed Range approx. 0.3 m/s to 79 m/s
Accuracy Better than 0.3 m/s
Resolution 0.1 m/s

Cable length 1.5m (*extendable at extra cost*)

Input 10-28 VDC, 30-60 VDC

Output Frequency: 1.1176 m/s per Hz
Voltage: 0 to 1, 2.5, 5, 10 V
Current: 4-20mA, 0-20mA
RS485-MODBUS
RS232-ASCII

Dimensions:

- 3 cups of conical cross-section, 51 mm (2 inches) dia
- Rotor Diameter approx. 5 in (~125 mm)
- 81 mm (3.2 inches) height
- Overall height 250mm with aluminum mounting bracket

Material:

- **Cups:** one piece injection-molded black polycarbonate
- **Body:** housing is black ABS plastic
- **Shaft:** beryllium copper, fully hardened
- **Bearing:** modified Teflon, self-lubricating



Ordering Guide:

Output

- 1.For Frequency O/P:
- 2.For Voltage O/P:
- 3.For Current O/P:
- 4.For RS485 O/P:
- 5.For RS232 ASCII O/P:

Model No.

SEN-WS-F
SEN-WS-V-x (x stands range; 1, 2.5, 5, 10)
SEN-WS-C-x (x stands range; 4-20, 0-20)
SEN-WS-RS485
SEN-WS-RS232

Please mention input Voltage range information along with your enquiry / Purchase order
Customized Ranges / Resolution / Outputs of sensor are available at extra Cost