

# Wind Speed Sensor

Precise and Reliable Wind Speed Measurement

## Overview

The MBMet 100 series Wind Speed Sensors are specifically designed to provide reliable and accurate wind velocity measurements under adverse environmental conditions. The sensor inside and turning position comes with protective sealing offering superb dirt and weather resistance for long-term measurement stability in dirty and cloudy environments.

## Benefits and Features:

- Low starting threshold
- Strong corrosion resistant ability
- Stainless steel wind cup, anti-wind load upto 70m/s
- Various Output signal options
- Double bearing design
- Easy Installation



## Technical Specifications

Model/Parameter	MBMet - 100A	MBMet - 100B	MBMet - 100C	MBMet - 100D
Output	4-20mA	RS-485 Modbus	0-5V	0-10V
Input Voltage	12 to 24VDC			

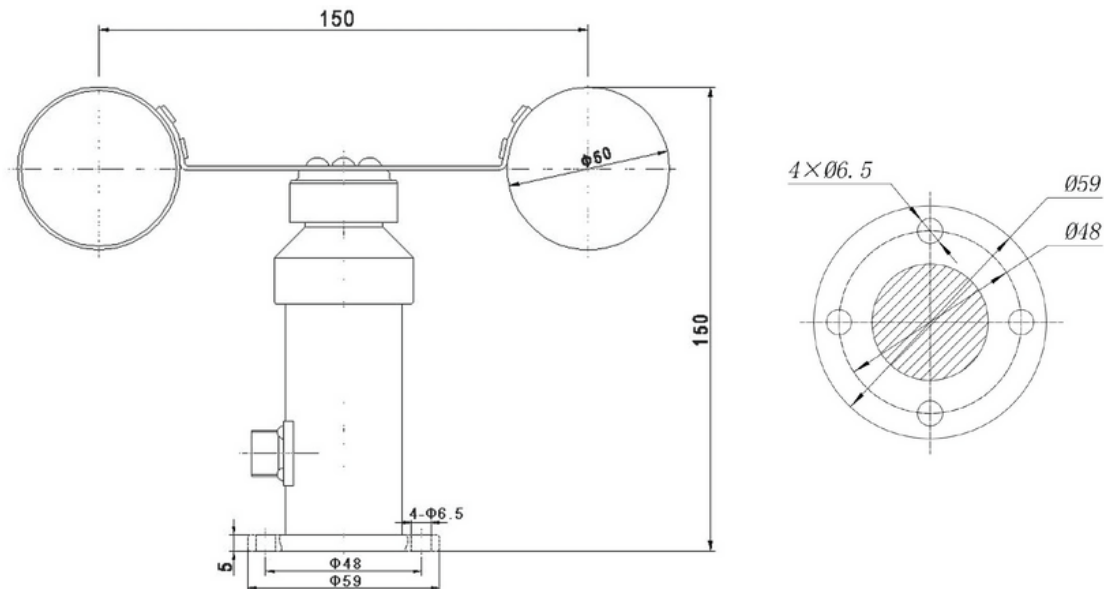
### Wind Speed

Measuring Range	0 to 60m/s
Starting Wind Speed	<0.8m/s
Survival Wind Speed	70m/s
Accuracy	± 2%FS

### General Specifications

Operating Temperature	-30°C to +70°C
Ingress Protection Rating	IP65
Storage Condition	10°C to 60°C @ 20% to 90%RH
Cable Type/Length	UV protected cable/3 meters
Dimension	Cup rotor : ø200mm, Height : 150mm
Body Material	Cup : 304 stainless steel, Main Body : Aluminum alloy
Weight (packed)	480g (with standard 3 meters cable)
Power Consumption	16.8mA @ 12VDC

## DIMENSIONS & MOUNTING



## Ordering String

Model	Series	Output	Range	Accessories	Cable Length	
MBMet						
	100					
		A				4-20mA
		B				RS-485 Modbus
		C				0 to 5V
		D				0 to 10V
			A			0 to 30m/s
			B			0 to 60m/s
				A		With Pole Mounting Accessories
				X		Without Pole Mounting Accessories
					3000 mm	Default
					XXX mm	As Required

For example : MBMet-100B-BA3000

Parameter : Wind Speed, Output : RS-485 Modbus, Range : 0 to 60m/s with Pole Mounting Accessories, Cable Length : 3 meters

## SEE ALSO

MBMet 110 Wind Direction Sensor

MBMet 500 Solar Irradiance Sensor

MBMet 701 Soiling Monitoring Station

MBMet 800 PV Module Temperature Sensor

MBMet 901 Air Temperature, Humidity & Pressure Sensor

View our complete range of Weather Sensors

