

## Wind Speed Sensor for Weather Station WS-201A



Non-contact magnetic sensor measuring principle, high accuracy and reliability;  
strong wind resistance, strong corrosion resistance;  
Wide wind speed measurement range, with low starting wind speed;  
Compact design, automatic heating , low temperature defrosting;  
Sensor circuit protection with fault-tolerant capability;  
Meet CE EMC standard, multi-levels for anti-lightning anti-surge design

### Product Description

WS-201A wind speed sensor produced by our company is a wind speed sensor with high reliability and high performance. This anemometer can stably and accurately collect environmental wind speed signals, and is suitable for high-altitude operations, construction machinery, port machinery and other occasions. WS-201A wind speed sensor has good waterproof and corrosion resistance. The internal and rotating parts are all sealed, which can effectively prevent the intrusion of water, salt spray and sand.

### Application

WS-201A Wind Speed Sensor is suitable for wind speed monitoring in factories, electric power, ports, factories and mines, wind turbines, large mechanical equipment, etc.

### Technical parameters

Supply Voltage	12~30VDC 12~30VDC 15~30VDC 5VDC or 24VDC
Signal output	4~20mA 0~5V 0~10V Pulse output
Start wind speed	≤0.5m/s
Accuracy	±0.5m/s (<5m/s) ±3 %FS(≥5m/s)
Testing range	0.5~50m/s
Surge protection	EMC class III
Working temperature	40℃~+85℃
Heat ways	PTC Auto-heated
Heat power	DC24V
Heat power	<50W
Anti-Wind strength	70m/s
Protection rate	IP55
Electrostatic protection	15KV
Humidity	0%~95%(Non-condensing)
Wind cup material	Aluminum alloy
Main	Aluminum / polyester coating