

## Heated Wind Direction Sensor WS-202A



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-202A Auto Heating **wind direction sensor** is a highly reliable, high performance wind measurement sensor with automatic heating and de-icing.

WS-202A **wind direction sensor** is built-in powerful anti-radio, anti-electromagnetic interference and anti-lightning surge protection circuit. Suitable for wind direction testing in engineering machinery, railroads, ports, terminals, powder plants, weather stations, ropeways, greenhouses, aquaculture and other industries. Adapt to the harsh low temperature environment. The main structure is made of alloy material and the surface is well treated with waterproof and anti-corrosion. Its internal and rotating parts are sealed design, which can effectively prevent the intrusion of water, salt spray and dust.

### Technical Parameters

Supply Voltage	12~30VDC	12~30VDC	15~30VDC
Signal output	4~20mA	0~5V, RS485	0~10V
Start wind speed	≤0.5m/s	Testing range	0-360
Accuracy	±3	Anti-Wind strength	>70m/s
Direction	16	Resolution	22.5
Surge protection	EMC III	Protection rate	IP55
Working temperature	-40℃~+85℃	Electrostatic protection	15KV
Heat ways	PTC Auto-heated	Humidity	0%~95%(Non-condensing)
Heat power	DC24V	Wind cup material	Stainless steel 304
Heat Power	<50W	Main	Aluminum / polyester coating