

# Wind Direction Sensor

## AT-FST200—202 Wind Direction Sensor

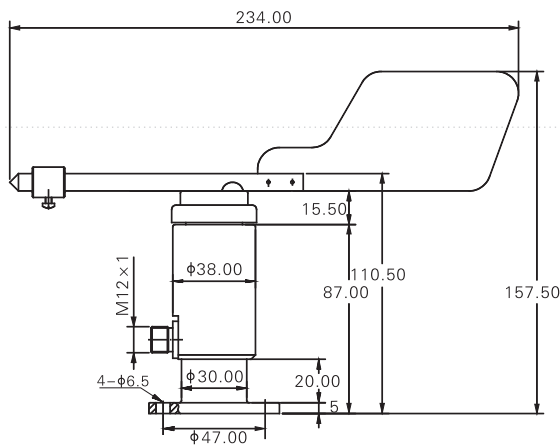
Features	■ Strong RFI & EMI resistance and automatic temperature compensation
	■ High sensibility, high precision, high frequency response and permanent stability
	■ Excellent resistance against impact, overload, shock and erosion
	■ Small and exquisite, easy to take, simple to install
	■ Alloy material, resanable structure and nice outlook

Applicable Scope	■ Working aloft testing and control
	■ Engineering machine testing and control
	■ Weather station and environment protection testing and control
	■ Port and wharf environment testing and control
	■ Other industrial automation about wind speed and direction testing and control



Project	Parameter	
Technical Index	Testing range	0~360°
	Start wind speed	≤0.8m/s
	Resolution	22.5°
	Accuracy	± 3°
	Working Environment	Temperature: -20°C~+85°C Humidity≤95% RH
	Output	0-5VDC 4-20mA
	Resistance for current output	250Ω
	Working Voltage	12~30VDC (common 24VDC)
	Limit wind speed	Max: 70m/s 30min
	Electrical connection	M12
	Environmental Protection	IP65

Dimension



M12 Connection	Potential Lead	Output Signal	Serial NO	Wiring Method
	3-Wire	Current mode	1	+Vcc Brown
			2	+Vout White
			3	GND Blue
			4	PE Black
	3-Wire	Voltage mode	1	+Vcc Brown
			2	+Vout White
			3	GND Blue
			4	PE Black