Wind Direction Sensor

AT-FST200—202 Wind Direction Sensor

Features

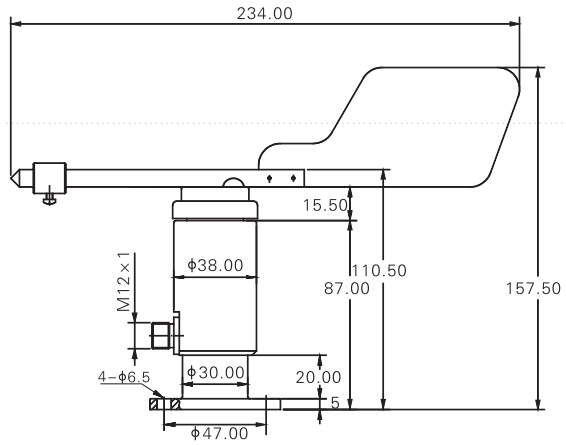
- Strong RFI & EMI resistance and automatic temperature compensation
- High sensibility, high precision, high frequency response and permanent stability
- Excellent resistance against impact, overload, shock and erosion
- Small and exquisite, easy to take, simple to install
- Alloy material, resanable 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℃~+85℃ 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

Your distributor
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