



RadioGeet RA60

Model RA60 series are designed for highly accurate Wind Speed measurement for a wide range of industrial, pharmaceutical and building automation applications RA60 Model provides better than $\pm(0.2+0.03V)$ m/s accuracy. All these devices provide high performance in a compact design. 4-20 mA DC output signals can be fed as input to display. A rugged weather proof enclosure is available to monitor Wind Speed. A aluminum alloy material used for cup type anemometer.

FEATURES

- Measuring Range: 0-60 m/s in models, suitable for many applications
- Ultrasonic sensor used for Direction measurement
- Cup- type, Duct Type & Ultrasonic based sensing.
- Excellent long-term stability
- High Accuracy

APPLICATION

- Building Automation
- Weather forecast/ Lab
- Industrial / Factory / Process
- Pharmaceutical Labs
- Environmental Monitoring

TECHNICAL SPECIFICATIONS

Anemometer

Measurement Range: 0 - 60 m/s
Output: 4-20mA / I2C
Accuracy: $\pm(0.2+0.03V)$ m/s
Sensor: Cup Type/Duct type
Sensor Response Time: $\leq 2s$
Resolution: 0.1m/s
Instrument line length: standard: 2.5 meters

Structural

Dimension (in mm): 480(L) x 250(B) x 120(H)
Enclosure material: MS
Enclosure protection: IP65
Mounting: Wall mount | Hanging

Sustainability

Ambient temperature: -40°C to 60°C
Storage temperature: -20 to 80°C
Humidity: 10% to 95% RH (Non-Condensing)

Ultrasonic Sensor

Range: Wind speed: 0 ~ 40m/s, Wind direction: 0~360°
Accuracy: Wind speed: $\pm 0.5+2\%FS$, Wind direction: $\pm 3^\circ$
Resolution: Wind speed: 0.01 m/s, Wind direction: 1°
Wind resistance: 75 m/s
Response time: 1S

Power Supply

Voltage: 230 VAC
Max. Power consumption: < 20 W

Display

Size: 4" Seven Segment Display
Digit: Four Digit Display
Output: Analog 4-20mA

NOMENCLATURE

Model	Size	Retransmission Output	Sensor	Digital Output
RA60-XXX	2- 2" Inch 4- 4" Inch	A - 4-20mA AC- 4-20mA + Rs485 N - None	C - Cup Type D - Duct Type U - Ultrasonic Type	N - No Y - Yes