Product Name : Modbus RTU Wind Speed Sensor

Product Code : WSS-MB

Overview

This three-cup anemometer measures horizontal wind speeds in the range of 0–60 m/s regardless of wind direction. With its robust aluminum housing, it is suitable for outdoor and industrial applications. It delivers high-precision data to Modbus RTU-compatible data loggers.



Application Areas

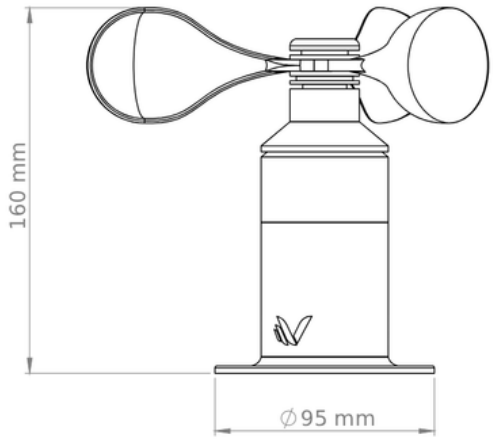
- Solar Power Plant
- Agricultural Fields
- Greenhouse Applications
- Meteorological Measurement
- Industrial Applications
- Wind Power Plant
- Highways and Bridges
- Ship weather station
- Airports
- Forest Regions

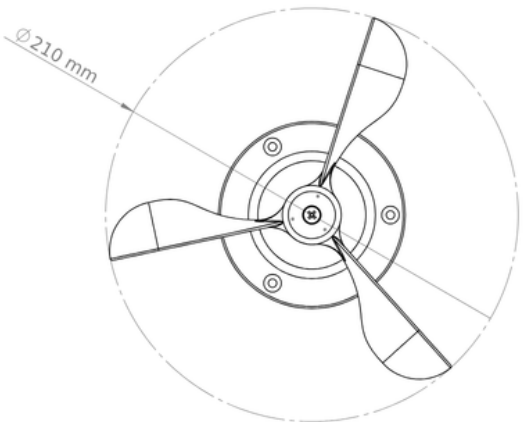
Electrical Specifications	
Measurement Range	: 0 ~ 60 m/s (0 ~ 134 mph)
Accuracy	: 0.1 m/s
Resolution	: ± 2%
Operating Temperature	: -20°C ~ 70°C
Starting Value	: 0.1 m/s
Measurement Principle	: Optik
Protocol and Connection Output	: Modbus RTU RS-485
Supply Voltage	: 9-48 V DC
Current Consumption	: 10 mA @24 VDC

Mechanical Specifications	
Dimensions	: Ø95 x Ø210 x 160 mm
Protective Case	: Aluminum
Ladle	: ASA
Protection	: IP 65

Cable and Connection Specifications		
Cable Length	: 3 m	
Connector Class	: IP 67	
White	: 9- 48 V DC (+)	○
Brown	: GND (-)	●
Yellow	: Data (+)	●
Green	: Data (-)	●

Technical Specifications





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