Product Name : Pulse Wind Speed Sensor

Product Code : WSS-PL

Overview

The pulse-output wind speed sensor measures wind velocity with high accuracy by generating a digital signal (Hz) at each rotation. It is a three-cup anemometer designed to measure horizontal wind speeds in the range of 0–60 m/s, independent of wind direction. With its durable aluminum housing, it is suitable for outdoor and industrial applications. Reliable performance is ensured even over long cable distances without signal loss.



Application Areas

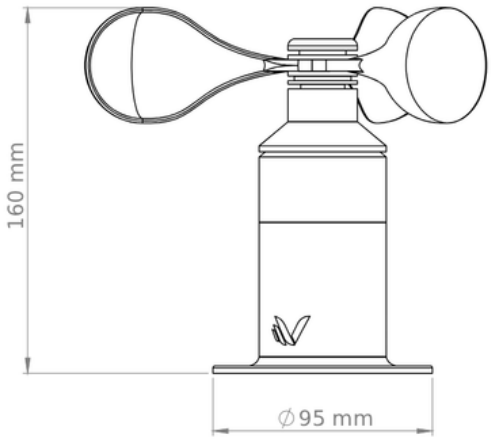
- Solar Power Plant
- Agricultural Fields
- Greenhouse Applications
- Meteorological Measurement
- Industrial Applications
- Wind Power Plant
- Highways and Bridges
- Ship weather station
- Airports

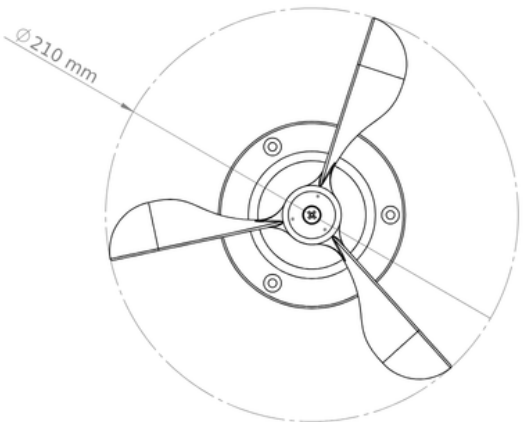
Electrical Specifications	
Measurement Range	: 0 ~ 60 m/s (0 ~ 134 mph)
Accuracy	: 0.1 m/s
Resolution	: ± 2%
Operating Temperature	: -20°C ~ 70°C
Starting Value	: 0.1 m/s
Measurement Principle	: Optical
Protocol and Connection Output	: Pulse

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	: 3.3 V DC (+)	○
Brown	: GND (-)	●
Yellow	: PULSE	●

Technical Specifications





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