Modbus Wind Speed Sensor

Model RWS3-R

RWS3-R Wind Speed Sensor

Reliable Data for Air Quality Monitoring

In air quality monitoring stations, wind speed and direction are critically important for analyzing pollutant dispersion. The RWS3-R sensor provides accurate wind speed data, assisting in modeling and environmental condition analysis.

- Low Power Consumption
- Stable Environmental Data
- High Accuracy in Low Wind Speeds
- Pollutant Dispersion Analysis
- Easy Installation in Monitoring Stations
- Integration with Gas Sensors

RWS3-R Wind Speed Sensor

Enhanced Flight Safety with Accurate Wind Monitoring

Accurate wind speed information is very important for safe helicopter operations. The RWS3-R sensor provides reliable wind data for helipad monitoring systems and helps improve flight safety.

Industrial Modbus Communication	**Wind Data for Pilots**
Accurate Performance in Variable Conditions	Compatible with Avionics Systems
Easy Installation on Helipads	**Enhanced Landing and Takeoff Safety**

SMART
AGRICULTURE

RWS3-R Wind Speed Sensor

Smart Greenhouse Control with Accurate Wind Monitoring

In modern agriculture, wind speed information is very important for greenhouse management and ventilation operations. The **RWS3-R** sensor provides accurate wind data to agricultural control systems and helps maintain suitable conditions for crop growth.

- Improved Ventilation Accuracy
- Low Power Consumption
- Resistant to Humidity
- Smart Greenhouse Control
- Connection to Agricultural Controllers
- Protection of Agricultural Structures

Energy Production Optimization

with the RWS3-R Wind Speed Sensor in Small Wind Turbines

In small wind turbines, accurate wind speed information is very important for managing turbine performance. The RWS3-R sensor sends instantaneous wind speed data to the control system and helps optimize energy production and activate safe operation during severe wind conditions.

Fast Response to Wind Changes
Quick reaction for better turbine control

Energy Production Optimization
Accurate data for maximum efficiency

Long Service Life in Outdoor Environments

Very Low Energy Consumption

Connection to the Controller or Turbine Inverter

Resistant to Humidity and Environmental Conditions

RWS3-R Wind Speed Sensor

Increased Wind Turbine Safety with Early Wind Monitoring

In construction projects, strong wind can create serious risks for cranes. The **RWS3-R** sensor continuously provides wind speed data to safety and control systems, enabling timely stoppage of operations under hazardous conditions.

Prevents Wind-Related Accidents	Industrial-Grade Wind Monitoring
Suitable for High-Rise Installation	Easy Integration with Control Systems
Reliable in Hazardous Conditions	Early Warning for Wind Hazards

RWS3-R Wind Speed Sensor

Wind Monitoring for HVAC Optimization

In smart buildings, measuring wind speed helps for better control of ventilation systems and air pressure management. The RWS3-R sensor sends wind data to the Building Management System (BMS), optimizing HVAC performance and reducing energy consumption.

- **Stable RS485 Communication**
- **Compatible with BMS Systems**
- Easy Rooftop Installation
- Smart Ventilation System Control
- Reducing Building Energy Consumption
- Dust Resistant

RWS3-R Wind Speed Sensor

Accurate and Continuous Wind Measurement in Weather Stations

The RWS3-R sensor is a reliable choice for fixed and research weather stations. It continuously measures wind speed and sends accurate data via RS485 to data loggers and monitoring systems, enabling weather condition analysis and precise forecasting.

Stable Data Transmission Over Long Distances	Accurate and Continuous Wind Speed Measurement
Compatible with Various Data Loggers and Monitoring Systems	Software Zero and Span Calibration
Industrial RS485 Output with Modbus RTU Protocol	Suitable for Research and Meteorological Stations

RWS3-R Wind Speed Sensor

Accurate Wind Measurement in Open-Air Stadiums

In open-air stadiums, wind speed can affect the safety of structures and the quality of events. The RWS3-R sensor, by providing accurate wind speed data, helps improve environmental condition management.

Exceptional Accuracy
Accurate wind speed measurement for reliable decision-making

Enhanced Athlete Safety
Advanced support for environmental safety and competition conditions

Easy Integration
Data output to control systems and event management software

Resilient and Durable
Reliable performance in harsh weather and outdoor conditions

RWS3-R Wind Speed Sensor

Accurate Wind Measurement for Urban Billboards

Urban advertising billboards are exposed to strong wind pressure and may be damaged in stormy conditions. The RWS3-R sensor provides essential data for the safe management of advertising structures by measuring wind speed.

High Measurement Accuracy

Accurate and reliable measurement in changing weather conditions

Industrial-Grade Reliable Communication

Reliable data transmission in harsh and challenging networks

Wind Pressure Monitoring on Bilboards

Real-time data for assessing wind pressure and improving structural safety

Suitable for Urban Environments

Robust and optimized design for installation in crowded urban environments

Protection of Advertising Structures

Reducing wind-related damage and extending the service life of structures

Connection to Urban Management Systems

Easy integration with urban monitoring and management systems

RAYA TECHNOLOGY

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