Product Name : P Type Wind Direction Sensor

Product Code : WDS-P

Overview

The P type wind direction sensor measures wind direction in the range of 0–359° with 1° resolution. Featuring a robust aluminum housing, it is suitable for outdoor applications.



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° ~ 359.9°
Accuracy	: 0.1°
Resolution	: ± 2%
Operating Temperature	: -35°C ~ 80°C
Measurement Principle	: Magnetic Effect
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 240 x 345 mm
Protective Case	: Aluminum
Ladle	: Plexiglass, Aluminum, Stainless
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



