

Sensor Solution of POF Series

Data Sheet

The unit will sense temperature, humidity, oxygen, air quality, wind speed, wind direction, rainfall, and atmospheric pressure of weather depending on the input device. It has the capabilities to distinguish levels of moisture, pH, EC, total carbon, total nitrogen, ammonia nitrogen, and nitrate nitrogen of soil.

Overview

Technology provides us with many conveniences nowadays. Mobile devices let people monitor and control data and important information remotely via the internet. This concept of sensing technology has been developed to help engineers and administrators to obtain the proper data necessary in making fast and responsible decisions.



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Specifications (Temperature)

Power Input	RPW-12A / AC 100-240V 50/60Hz DC12V 1A
Power Consumption	1W
Transmission Speed	100 Base-T
Sensor Input	DC 0~1V 2 Channel
Temperature Sensor	RTS-5BA / Measurement Range -25~125°C
External Dimensions	114(W)×72(D)×45.4(H) Without Protrusion
Weight	≈145g

Key Features

- (1) Robust.
- (2) Easy wiring.
- (3) Anti-lightning outdoor.
- (4) Remote monitoring via Internet.
- (5) Simply & Expandable framework.
- (6) Anti-electromagnetic interference.
- (7) Sensor data via TCP/IP Protocol.
- (8) Control and management functions remotely.
- (9) Monitor and adjust by Smart Phone/Tablet/ Laptop/ PC.

Application

1. Major Elements of Weather:

Temperature, Humidity, Oxygen, Air Quality, Wind Speed, Wind direction, Rainfall, Atmospheric Pressure.

2. Major Elements of soil:

Moisture, pH, EC, Total Carbon, Total Nitrogen, Ammonia Nitrogen, Nitrate Nitrogen.

