



Product Name : Modbus RTU RS485 Atmospheric Pressure Sensor

Product Code : APS-MB

Overview

The Modbus Atmospheric Pressure Sensor is designed to accurately measure changes in atmospheric pressure under environmental conditions. These sensors typically utilize piezoelectric, capacitive, or resistive technologies and are available with various measurement ranges.

Application Areas

- Solar Power Plants
- Wind Power Plants
- Meteorological Applications
- Agricultural and Greenhouse
- Industrial Applications
- Maritime and Ports
- Forest Regions
- Highway Applications



Electrical Specifications

Measurement Range : 260 ~ 1260 hPa

Resolution : 0.1 hPa

Truth : $\pm 2\%$

Operating Temperature : -40 ~ +85°C

Measurement Principle : MEMS

Connection Output : Modbus RTU RS-485

Supply Voltage : 9-48 V DC

Current Consumption : 10 mA @24 VDC

Mechanical Specifications

Dimensions : $\varnothing 118 \times 160$ 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

