

## APS-MB


# Accurate Atmospheric Pressure

Compatible with dataloggers



## Overview

Atmospheric sensors manufactured by VSIAS under brand Visionsen, is a atmospheric pressure sensor that measures atmospheric pressure only. This sensor, next generation of relative atmospheric sensors, meeting all relevant World Meteorological Organization (WMO) relative atmospheric recommendations.

IP 65 UV  
ABS 

## Application Areas

Solar Power Plants

Professional meteorological application

Wind turbines

Ship weather station

Environmental measurement technology

Industrial applications

## Specifications

### Electrical Specifications

Features	Digital Sensor
Measurement Range	260 to 1260 hPa absolute pressure range
Resolution	±0.007PSI (±0.05kPa)
Supply Voltage	9-28 VDC
Temperature Range	-40 to +85°C
Current Consumption	Down to 4 µA
Protocol and Connection Output	Modbus RTU - RS485

### Mechanical Specifications

Dimensions	184x104mm
Housing	UV ABS
Protection Class	IP65

### Cable and Connection Specifications

Cable Description	3m Cable
White	Power +
Black	Power -
Blue	Data +
Brown	Data-

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Resolution	±0.007PSI (±0.05kPa)
Supply Voltage	9-28 VDC
Temperature Range	-40 to +85°C
Current Consumption	Down to 4 µA
Protocol and Connection Output	Analog - 4-20mA

### Mechanical Specifications

Dimensions	184x104mm
Housing	UV ABS
Protection Class	IP65

### Cable and Connection Specifications

Cable Description	3m Cable
White	Power +
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