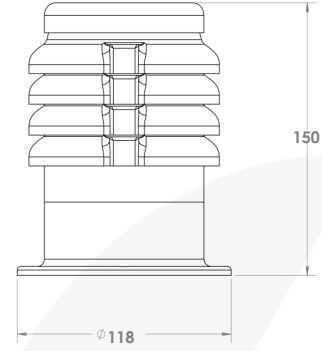


# Modbus Atmospheric Pressure Sensor

## Overview

Modbus Atmospheric Pressure Sensor is designed to precisely measure atmospheric pressure changes in environmental conditions. These sensors generally use piezoelectric, capacitive or resistive technologies and have various measurement ranges. You can observe the data by connecting it to a Modbus RTU compatible data logger that provides monitoring data with Modbus RTU Rs-485 output.



## Application Areas

- Solar Power Plant
- Agricultural Fields
- Greenhouse Applications
- Meteorological Measurement
- Industrial Applications
- Wind Power Plant
- Highways and Bridges
- Ship weather station
- Airports

## Specifications




### Electrical Specifications

Measurement Range	: 260...1260 hPa
Resolution	: $\pm 0.007$ PSI ( $\pm 0.05$ kPa)
Truth	: $\pm 2\%$
Operating Temperature	: -40 to +85°C
Measurement Principle	: Capacitive
Protocol and Connection Output	: Modbus RTU Rs-485
Supply Voltage	: 9-28 V DC
Current Consumption	: 25 mA @24 VDC

### Mechanical Specifications

Dimensions	: $\varnothing 118$ x 150 mm
Protective Case	: Resistant Aluminium
Ladle	: UV Abs
Protection	: IP 65 , UL 94

### Cable and Connection Specifications

Cable Length	: 2 m	
Connector Type	: M8	
Cable and Connector Protection Class	: IP 69K	
White	: 9-28 V DC (+)	
Brown	: GND (DC)	
Yellow	: Data (+)	
Green	: Data (-)	