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

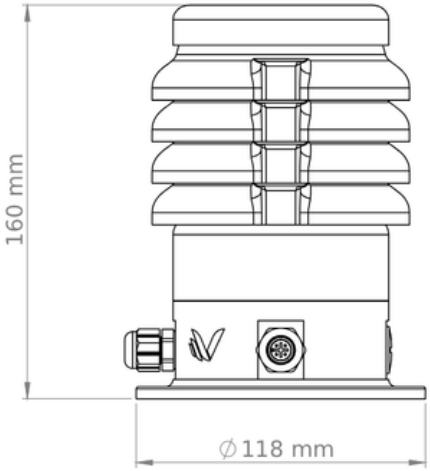
- Solar Power Plants
- Wind Power Plants
- Meteorological Applications
- Agricultural and Greenhouse
- Industrial Applications
- Maritime and Ports
- Forest Regions
- Highway Applications

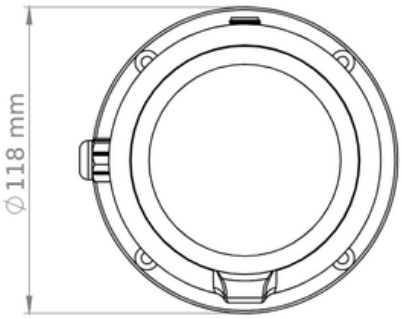
Electrical Specifications	
Measurement Range	: 260 ~ 1260 hPa
Resolution	: 0.1 hPa
Truth	: ± 2%
Operating Temperature	:-40 ~ +85°C
Measurement Principle	: MEMS
Connection Output	: Modbus RTU RS-485
Supply Voltage	: 9-48 V DC
Current Consumption	: 10 mA @24 VDC

Mechanical Specifications	
Dimensions	: Ø118 x 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





© 2024 Vsias Mühendislik Endüstri A.Ş