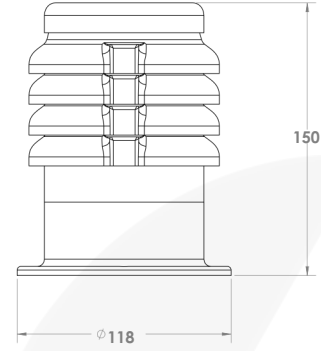


P Atmospheric Pressure Sensor

Overview

P Atmospheric Pressure Sensor is designed to precisely measure changes in atmospheric pressure under environmental conditions. These sensors typically use piezoelectric, capacitive, or resistive technologies and come with various measurement ranges.



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	: ± 0.007 PSI (± 0.05 kPa)
Truth	: $\pm 2\%$
Operating Temperature	: -40 to +85°C
Measurement Principle	: Capacitive
Protocol and Connection Output	: -----
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 (-)	