

Main Specifications

- ▼ Pressure range
100Pa, 1kPa, 2kPa, 7kPa,
10kPa, 35kPa, 70kPa, 100kPa
(bar and psi unit available)
- ▼ Pressure type
Gauge pressure /
Differential pressure
- ▼ Electrical connector
Pin connection
- ▼ Output signal
≥50mV
- ▼ Operating temperature
0 to 60°C
- ▼ Storage temperature
0 to 85°C

Other Specifications

- ▼ Housing
Plastic
- ▼ Measuring elements
Piezoresistive silicon chip
- ▼ Accuracy
±0.25% F.S.
- ▼ Power supply
1.5mA (Standard) /
5VDC (option)
- ▼ Bridge resistance
Min.: 2600ohm
Max.: 5500ohm
- ▼ Long term stability
±0.2% F.S. / year
- ▼ Overpressure
3*F.S.
- ▼ Weight
About 5g
- ▼ Other requests (Option)
Third party notarized
documents
Inspection report
Tag
Customized unit (kPa, bar, psi)

Air Pressure Sensor

Model: PS(E)-WT22

Introduction

PS (E)-WT22 air pressure sensor is a solution for low cost application with low requirements, suitable for dry and non-corrosive air measuring. Applicable to medical, industrial, HVAC application, heating ventilating and air conditioner.



Due to the variety of customization, the picture is only for reference, please confirm the actual item with our sales. (If there is any change on specification, please take the latest version as standard.)

Features

- OEM service
- Adopts high-tech piezoresistive silicon chip
- Easy for mounting with PCB
- Differential pressure measurement available
- Long-term stability

Typical measurement range

| Code | Range | Code | Range | Code | Range | Code | Range |
|------|---------|------|---------|------|---------|------|----------|
| 1 | 0~100Pa | 2 | 0~1kPa | 3 | 0~2kPa | 4 | 0~7kPa |
| 5 | 0~10kPa | 6 | 0~35kPa | 7 | 0~70kPa | 8 | 0~100kPa |

How to order

| PS (E)-WT22 | | Air Pressure Sensor | | | | | |
|-------------|------|---|---|-----------------------------------|--|--|--|
| | Code | Pressure range | | | | | |
| | 4 | Please refer to typical measurement range and select corresponding code | | | | | |
| | Code | Pressure type | | | | | |
| | GP | Gauge pressure | | | | | |
| | DP | Differential pressure | | | | | |
| | Code | Power supply | | | | | |
| | A | 1.5mA | | | | | |
| | V | 5VDC | | | | | |
| PS (E)-WT22 | 4 | GP | A | Order example: PS (E)-WT22-4-GP-A | | | |