



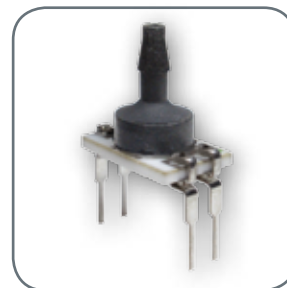
## Basic Board Mount Pressure Sensors

### **TBP Series, Compensated/Unamplified**

60 mbar to 10 bar | 6 kPa to 1 MPa |

1 psi to 150 psi

Millivolt Analog Output



# Basic Board Mount Pressure Sensors

Honeywell's Basic Board Mount Pressure Sensors, TBP Series, Compensated/Unamplified, are piezoresistive silicon pressure sensors designed for customers who require a simple, high quality, cost-effective, mV output, unamplified, temperature-compensated sensor for use in medical and industrial applications.

These unamplified and temperature-compensated sensors offer infinite resolution of the pressure signal. They will operate as specified from -40 °C to 125 °C [-40 °F to 257 °F].

The TBP Series is often ideal for those customers who want to do their own amplification in order to make use of the maximum resolution of the bare sensor output, leveraging any algorithm needed for the application.

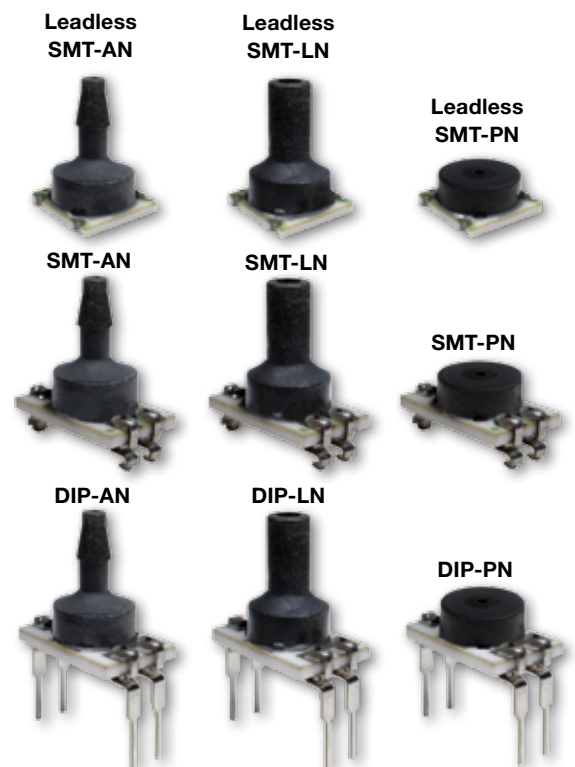
They are available with several package styles and mounting options, making it easier for device manufacturers to integrate the product into their applications.

The TBP Series measures gage pressures. Gage pressure sensors are referenced to atmospheric pressure and provide an output proportional to pressure variations from atmosphere.

They are intended for use with non-corrosive, non-ionic gases, such as air and other dry gases, and for non-corrosive, non-ionic liquids when the silicone gel coating option is selected. All products are designed and manufactured according to ISO 9001.

## Why choose a Honeywell Basic Pressure Sensor?

- **Cost-effective:** Provides a cost-effective, high-volume solution with a variety of options
- **Compensated, unamplified:** Ideal for customers who want a temperature-compensated sensor with the maximum possible resolution
- **Flexible:** Package and pressure port options simplify integration into the application
- **Durable:** Wide operating temperature range and media compatibility options
- **High quality:** Six Sigma standards provide the highest level of product quality, performance, and consistency
- **Reliable:** Dependable supply chain is there throughout your development cycle
- **Delivery:** Fast response to orders and sample requests



COST EFFECTIVE • DURABLE • HIGH QUALITY