# SELECTING BOARD MOUNT PRESSURE SENSORS

Selection Guide

There are many considerations when selecting Honeywell board mount pressure sensors to determine the specific series for an application. This Selection Guide provides an overview as to when to select TruStability™, Basic Pressure, MicroPressure, 24PC, and 26PC board mount pressure sensors.

Honeywell's portfolio of board mount pressure sensors are grouped into the five major platforms shown below. Table 1 provides a complete portfolio cross reference for all 15 product series and Table 2 focuses on the low pressure versions. Product key features are then addressed and specific potential applications are provided in Tables 3, 4 and 5.

- **TruStability™**
  - RSC Series (High Resolution, High Accuracy, Compensated/Amplified)
  - HSC Series (Compensated/Amplified)
  - SSC Series (Compensated/Amplified)
  - DPR Series (Compensated/Amplified)
  - TSC Series (Compensated/Unamplified)
  - NSC Series (Uncompensated/Unamplified)

- **Basic Pressure**
  - ABP2 Series (Compensated/Amplified)
  - ABP Series (Compensated/Amplified)
  - TBP Series (Compensated/Unamplified)
  - NBP Series (Uncompensated/Unamplified)

- **MicroPressure**
  - MPR Series (Compensated/Amplified)

- **24PC** (Uncompensated/Unamplified)
  - 24PC Series
  - 24PC Flow-Through Series

- **26PC** (Compensated/Unamplified)
  - 26PC Series
  - 26PC Flow-Through Series

Honeywell board mount pressure sensors perform in a wide variety of potential applications, including:

## MEDICAL

- **PROFESSIONAL:** Invasive blood pressure monitors, blood analysis, drug dosing, hospital beds, patient monitoring, hospital gas supply, hemodialysis, lab equipment
- **CONSUMER:** Non-invasive blood pressure monitoring, negative-pressure wound therapy, breast pumps, portable oxygen concentrators and ventilators, sleep apnea equipment, wearables

**INDUSTRIAL:** Compressors, HVAC filter monitoring equipment, boilers, gas analyzers, indoor air quality, robotics, gas and water meters, drones, leak detection, barometry

**OTHER:** Air beds, air brakes, coffee machines, CNG, drink dispensers, fork lifts, fuel level measurement, irrigation equipment, monitoring, washing machines and dishwashers

## Honeywell

## TABLE 1. BOARD MOUNT PRESSURE SENSORS PORTFOLIO CROSS REFERENCE

| CHARACTERISTIC | TRUSTABILITY™ | | |
| --- | --- | --- | --- |
| | RSC SERIES | HSC SERIES | SSC SERIES |
| |  |  |  |
| Signal conditioning | amplified | | |
| Pressure range | ±1.6 mbar to ±10 mbar \| ±160 Pa to ±1 MPa \| ±0.5 inH$_2$O to ±150 psi | | |
| Device type | absolute, differential, gage | | |
| Output | 24-bit digital SPI | analog (Vdc), digital (I$^2$C, SPI) | |
| Temperature compensated | yes | | |
| Calibrated | yes | | |
| Total Error Band | as low as ±0.25 %FSS, depending on pressure range, after customer auto-zero | ±1 %FSS to ±3 %FSS, depending on pressure range | ±2 %FSS to ±5 %FSS, depending on pressure range |
| Accuracy | ±0.1 %FSS BFSL | ±0.25 %FSS BFSL | |
| Mounting option | DIP, SMT | DIP, SIP, SMT | |
| Operating temperature range | -40°C to 85°C [-40°F to 185°F] | -20°C to 85°C [-4°F to 185°F] | -40°C to 85°C [-40°F to 185°F] |
| Compensated temperature range | -40°C to 85°C [-40°F to 185°F] | 0°C to 50°C [32°F to 122°F] | -20°C to 85°C [-4°F to 185°F] |
| Approvals | REACH, RoHS | RoHS, WEEE | |
| Features | • Industry-leading long-term stability, Total Error Band, accuracy and flexibility<br>• High burst pressures and working pressure ranges<br>• Excellent repeatability<br>• High 24-bit resolution | • Industry-leading long-term stability, total error band, accuracy and flexibility<br>• High burst pressures and working pressure ranges<br>• Excellent repeatability<br>• Liquid media compatible on port 1 | |

## TABLE 1. BOARD MOUNT PRESSURE SENSORS PORTFOLIO CROSS REFERENCE (CONTINUED)

| CHARACTERISTIC | TRUSTABILITY™ | | |
| --- | --- | --- | --- |
| | **DPR SERIES** | **TSC SERIES** | **NSC SERIES** |
| Signal conditioning | amplified | unamplified | |
| Pressure range | ±1.6 mbar to ±25 bar \| ±160 kPa to ±2.5 kPa \| ±0.5 inH$_2$O to ±10 inH$_2$O | ±60 mbar to ±10 bar \| ±6 kPa to ±1 MPa \| ±1 psi to ±150 psi | ±2.5 mbar to ±10 mbar \| ±250 Pa to ±1 MPa \| ±1 inH$_2$O to ±150 psi |
| Device type | differential, gage | | absolute, differential, gage |
| Output | analog (Vdc) | analog (mV) | |
| Temperature compensated | yes | | no |
| Calibrated | yes | | no |
| Total Error Band | as low as ±0.25 %FSS depending on pressure range, after customer auto-zero | — | |
| Accuracy | ±0.25 %FSS BFSL | | |
| Mounting option | remote | DIP, SIP, SMT | |
| Operating temperature range | -40°C to 85°C [-40°F to 185°F] | | |
| Compensated temperature range | -20°C to 70°C [-4°F to 158°F] | 0°C to 85°C [32°F to 185°F] | — |
| Approvals | RoHS | RoHS, WEEE | |
| Features | • Industry-leading long-term stability<br>• Liquid media compatible on port 1<br>• High burst pressures and working pressure ranges | • Industry-leading long-term stability<br>• Allows customers the flexibility of sensor self-calibration<br>• Liquid media compatible on port 1<br>• High burst pressures and working pressure ranges | |

# TABLE 1. BOARD MOUNT PRESSURE SENSORS PORTFOLIO CROSS REFERENCE (CONTINUED)

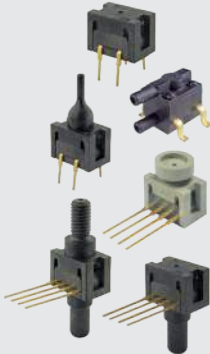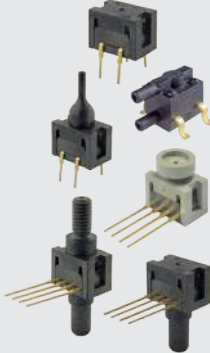| CHARACTERISTIC | BASIC PRESSURE | | | |
|---|---|---|---|---|
| | **ABP2 SERIES** | **ABP SERIES** | **TBP SERIES** | **NBP SERIES** |
| Signal conditioning | amplified | | unamplified | |
| Pressure range | ±6 mbar to ±12 bar<br>±600 kPa to ±1.2 MPa<br>±2 inH$_2$O to ±175 psi | | ±60 mbar to ±10 bar<br>±6 kPa to ±1 MPa<br>±1 psi to ±150 psi | |
| Device type | absolute, differential, gage | differential, gage | gage | absolute, gage |
| Output | digital (I$^2$C, SPI), analog (Vdc) | | analog (mV) | |
| Temperature compensated | yes | | | no |
| Calibrated | yes | | | no |
| Total Error Band | as low as<br>±1.5 %FSS BFSL | ±1.5 %FSS BFSL | — | |
| Accuracy | ±0.25 %FSS BFSL | | | |
| Mounting option | DIP, SMT, leadless SMT | | | |
| Operating temperature range | -40°C to 110°C<br>[-40°F to 230°F] | -40°C to 85°C<br>[-40°F to 185°F] | -40°C to 125°C<br>[-40°F to 257°F] | |
| Compensated temperature range | -40°C to 110°C<br>[-40°F to 230°F] | 0°C to 50°C<br>[32°F to 122°F] | 0°C to 85°C<br>[32°F to 185°F] | — |
| Approvals | RoHS, REACH, IPC/JEDEC J-STD-020E Moisture Sensitivity Level 1 requirements, NSF-169, LFGB and BPA compliant materials | RoHS, WEEE, IPC/JEDEC J-STD-020E Moisture Sensitivity Level 1 requirements, NSF-169, BPA compliant materials | RoHS, WEEE, IPC/JEDEC J-STD-020E Moisture Sensitivity Level 1 requirements | |
| Features | • Designed to provide a simple, cost-effective, basic performance, high quality solution for those medical and industrial applications where high performance, stability, and accuracy are not as critical<br>• Liquid media compatible on ports 1 and 2 | | | |

| CHARACTERISTIC | MICROPRESSURE | 24PC | | 26PC | |
|---|---|---|---|---|---|
| | MPR SERIES | 24PC SERIES | 24PC FLOW-THROUGH SERIES | 26PC SERIES | 26PC FLOW-THROUGH SERIES |
| |  |  |  |  |  |
| Signal conditioning | amplified | unamplified | | | |
| Pressure range | 60 mbar to 2.5 bar 6 kPa to 250 kPa 1 psi to 30 psi | SIP, DIP: 0.5 psi to 250 psi SMT: 1 psi to 15 psi | 1 psi to 100 psi | SIP, DIP: 1 psi to 250 psi SMT: 1 psi to 15 psi | 1 psi to 100 psi |
| Device type | absolute, gage | absolute, differential, wet–wet differential, gage | flow-through gage | differential, wet–wet differential, gage | flow-through gage |
| Output | digital (I$^2$C, SPI) | analog (mV) | | | |
| Temperature compensated | yes | no | | yes | |
| Calibrated | yes | no | | yes | |
| Total Error Band | as low as ±1.5 %FSS, after customer auto-zero | — | | | |
| Accuracy | ±0.25 %FSS BFSL | linearity and hysteresis: 0.5% typ. | linearity and hysteresis: 0.75% typ. | linearity and hysteresis: 0.5% typ. | linearity and hysteresis: 0.35% typ. |
| Mounting option | leadless SMT | SIP, DIP, SMT | SIP, DIP, remote | SIP, DIP, SMT | SIP, DIP, remote |
| Operating temperature range | -40°C to 85°C [-40°F to 185°F] | -40°C to 85°C [-40°F to 185°F] | | | |
| Compensated temperature range | 0°C to 50°C [32°F to 122°F] | — | | 0°C to 50°C [32°F to 122°F] | |
| Approvals | RoHS, REACH | WEEE, RoHS, REACH | | | |
| Features | • Designed to meet the requirements of higher volume medical (consumer and non-consumer) devices and commercial appliance applications<br>• Low power consumption<br>• Liquid media compatible | • Miniature package<br>• Operable after exposure to frozen conditions<br>• Choice of termination for gage sensors<br>• SMT: pick-up feature; maximum peak reflow temperature of 260°C [500°F]<br>• End-point calibration; elastomeric construction<br>• Media flow-through port option<br>• Wet capable and wet/wet capable for dual ported versions | | | |

## TABLE 2. LOW PRESSURE BOARD MOUNT PRESSURE SENSORS SELECTION GUIDE*

| BOARD MOUNT PRESSURE SENSOR | Media: Water (Non-Ionic) | Media: Other | Uncompensated | Temperature Compensated | Total Error Band | Amplified Analog | Output: Analog | Output: Digital | Housing and Port Styles | Absolute Pressure | Cost Effective | Flow-Through Package | Wet-Dry Differential | Wet-Wet Differential | High Resolution 24-bit | Food Grade Compliant |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **TRUSTABILITY™** | | | | | | | | | | | | | | | | |
| RSC Series | — | — | — | ✓ | ✓ | — | — | ✓ | ✓ | ✓ | — | — | — | — | ✓ | — |
| HSC Series | ✓ | — | — | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | — | — | ✓ | — | — | — |
| SSC Series | ✓ | — | — | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | — | — | ✓ | — | — | — |
| DPR Series | — | — | — | ✓ | ✓ | ✓ | ✓ | — | — | — | — | — | — | — | — | — |
| TSC Series | ✓ | — | — | ✓ | — | — | ✓ | — | ✓ | — | — | — | ✓ | — | — | — |
| NSC Series | ✓ | — | ✓ | — | — | — | ✓ | — | ✓ | ✓ | — | — | ✓ | — | — | — |
| **BASIC PRESSURE** | | | | | | | | | | | | | | | | |
| ABP2 Series | ✓ | ✓ | — | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | — | — | ✓ | — | ✓ |
| ABP Series | ✓ | ✓ | — | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | — | ✓ | — | — | ✓ | — | ✓ |
| TBP Series | ✓ | ✓ | — | ✓ | — | — | ✓ | — | — | — | ✓ | — | ✓ | ✓ | — | ✓ |
| NBP Series | ✓ | ✓ | ✓ | — | — | — | ✓ | — | — | ✓ | ✓ | — | ✓ | ✓ | — | ✓ |
| **MICROPRESSURE** | | | | | | | | | | | | | | | | |
| MPR Series | ✓ | ✓ | — | ✓ | ✓ | — | — | ✓ | — | ✓ | ✓ | — | ✓ | — | — | ✓ |
| **24C, 26PC** | | | | | | | | | | | | | | | | |
| 24PC Series | ✓ | ✓ | ✓ | — | — | — | ✓ | — | ✓ | ✓ | — | ✓ | — | ✓ | — | — |
| 26PC Series | ✓ | ✓ | — | ✓ | — | — | ✓ | — | ✓ | — | — | ✓ | — | ✓ | — | — |

*1 psi to 150 psi

# KEY FEATURES
## TRUSTABILITY™

### RSC Series, HSC Series, SSC Series

- For use when:
  - Accuracy and low Total Error Band are required
  - Measuring gases
  - Ultra-low or low pressure ranges are needed
  - Performance is the key driver
- Amplified analog
- Digital output
- Ease of installation
- Many housing and port styles

### RSC Series, High Resolution

- High 24-bit resolution; analog-to-digital converter with integrated EEPROM
- Extremely tight Total Error Band, as low as ±0.25 %FSS depending on pressure range (after customer auto-zero), due to Honeywell's patented sense die design, in-house compensation, calibration, and mechanical package design
- Extremely tight accuracy of ±0.1 %FSS BFSL
- Low power consumption, less than 10 mW, typ.
- Virtually insensitive to mounting orientation (±0.1 %FSS or ±0.2 %FSS), depending on pressure range) due to Honeywell's patented sense die design

### HSC Series (Ultra-Low Pressure Ranges of ±0.5 inH$_2$0 to ±30 inH$_2$0)

- Extremely tight Total Error Band due to Honeywell's patented sense die design, in-house compensation and calibration, and mechanical package design:
  - ±3 %FSS for 2 inH$_2$O span
  - ±1.5 %FSS for 3 inH$_2$O to 5 inH$_2$O span
  - ±1 %FSS above 5 inH$_2$O span
- Virtually insensitive to mounting orientation (<0.15 %FSS) and very low vibration sensitivity due to Honeywell's patented sense die design
- High resolution (min. 0.03 %FSS analog, 12-bits digital) due to the use of sensors specifically designed for ultra-low pressures, not just amplifying higher range sensors
- Port 1 can be exposed to non-corrosive, non-ionic liquids when the liquid media option is selected
- Extremely tight accuracy: Inherently a linear sense die design/diaphragm

### DPR Series

- Compensated and amplified, analog output
- Robust package ideally suited for HVAC applications
- Ease of installation for remote mount applications to sheet metal
- Overvoltage and reverse voltage protection

### TSC Series

- Compensated and unamplified for those customers who require temperature compensation but want to do their own amplification
- Back-side sensing allows for wet capability on one port; port 1 can be exposed to non-corrosive, non-ionic liquids
- Ease of installation
- Many housing and port styles

### NSC Series

- Uncompensated and uncalibrated for those customers who want to do their own compensation, calibration, and amplification
- Back-side sensing allows for wet capability on one port: port 1 can be exposed to non-corrosive, non-ionic liquids
- Ease of installation
- Many housing and port styles

## BASIC PRESSURE

### ABP2 Series

- Compensated and amplified, analog or digital output, single or dual ports, small package
- Cost: Select the ABP2 Series if cost is a major concern and some sensor performance can be de-rated. The ABP2 series has fewer porting and housing options than the HSC Series and SSC Series
- Ports 1 and 2 can be used with non-ionic liquids (wet/wet) when the liquid media option is selected

### ABP Series

- Compensated and amplified, analog or digital output, single or dual ports, small package
- Cost: Select the ABP2 Series if cost is a major concern and some sensor performance can be de-rated. The ABP2 Series has fewer porting and housing options than the HSC Series and SSC Series
- Ports 1 and 2 can be used with non-ionic liquids (wet/wet) when the liquid media option is selected

### TBP Series

- Compensated and unamplified, analog output
- Cost: Select the TBP Series if cost is a major concern and some sensor performance can be de-rated. The TBP series has fewer porting and housing options but does come in a smaller package
- Port 1 can be used with non-ionic liquids when the wet option is selected

### NBP Series

- Uncompensated and unamplified, analog output
- Back-side sensing allows for wet capability on one port: Port 1 can be exposed to non-corrosive, non-ionic liquids
- Cost: Select the NBP Series if, and only if, the application cannot be met with the other sensors noted above due to cost considerations; cost should be the primary consideration when selecting the NBP Series.
- Port 1 can be used with non-ionic liquids when the wet option is selected

## MICROPRESSURE

### MPR Series

- 5 mm x 5 mm [0.20 in x 0.20 in] package footprint
- Compensated and calibrated
- 60 mbar to 2.5 bar | 6 kPa to 250 kPa | 1 psi to 30 psi
- 24-bit digital I$^2$C or SPI-compatible output
- Low power consumption (<10 mW typ.), energy efficient
- Stainless steel pressure port
- Compatible with a variety of liquid media
- Absolute and gage pressure types
- Total Error Band after customer auto-zero: As low as ±1.5 %FSS
- Compensated temperature range: 0°C to 50°C [32°F to 122°F]
- REACH and RoHS compliant
- Meets IPC/JEDEC J-STD-020D.1 Moisture Sensitivity Level 1
- Select sensors available on breakout board for easy evaluation and testing

## 24PC, 26PC

### 24PC Series, 26PC Series

- 24PC Series: Uncompensated and unamplified
- 26PC Series: Compensated and unamplified, calibrated
- Full liquid wet/wet differential sensing avoids having to use a media isolated sensor
- Absolute (24PC), differential, wet-wet differential, gage
- 0.5 psi to 250 psi (SIP, DIP); 1 psi to 15 psi (SMT)
- Very small SMT package option
- Many port styles
- Fluorosilicone, EPDM, silicon and neoprene seals (SIP, DIP)
- Pick and place features (SMT)
- Rugged mounting features
- Proven quality and reliability
- Ease of installation

# TABLE 3. POTENTIAL MEDICAL APPLICATIONS

| BOARD MOUNT PRESSURE SENSOR | Airflow Monitors | Anesthesia Machines | Blood Analysis Machines | Blood Pressure Monitoring | Breast Pumps | Dental Chairs | Blood Analyzers | Chemistry Analyzers | CPAP Water Tanks | Flow Cytometry | Gas Chromatography | Gas Flow Instrumentation | Lab Auto. Systems | Lab Equipment | Molecular Testing | Hospital Beds | Hospital Gas Supply | Hospital Room Air Pressure | Kidney Dialysis Machines | Nebulizers | Hospital Oxygen/Nitrogen Gas Distribution | Oxygen Concentrators | Patient Monitoring | Pneumatic Controls | Respiratory Machines | Sleep Apnea Equipment | Spirometers | Ventilators | Water Flow Measurement | Wearables | Wound Therapy |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **TRUSTABILITY™** | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| RSC Series | ✓ | ✓ | ✓ | — | — | — | — | — | — | — | ✓ | ✓ | — | — | — | — | — | ✓ | ✓ | ✓ | — | — | — | ✓ | ✓ | ✓ | ✓ | ✓ | — | — | — |
| HSC Series | — | ✓ | — | ✓ | — | — | ✓ | ✓ | — | ✓ | — | ✓ | ✓ | ✓ | ✓ | — | — | ✓ | — | ✓ | — | — | — | — | ✓ | — | ✓ | ✓ | — | — | — |
| SSC Series | — | — | — | ✓ | — | — | ✓ | ✓ | — | ✓ | — | ✓ | ✓ | ✓ | ✓ | — | ✓ | ✓ | — | ✓ | — | — | — | ✓ | ✓ | — | ✓ | ✓ | — | — | — |
| DPR Series | ✓ | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| TSC Series | — | — | — | ✓ | — | — | ✓ | ✓ | — | — | — | — | — | — | ✓ | ✓ | — | — | — | ✓ | — | — | — | — | — | — | ✓ | — | — | — | ✓ |
| NSC Series | — | — | — | — | — | — | ✓ | ✓ | — | — | — | — | — | — | — | — | ✓ | — | — | ✓ | — | — | ✓ | — | — | — | ✓ | — | — | — | — |
| **BASIC PRESSURE** | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ABP2 Series | — | — | ✓ | ✓ | — | — | ✓ | ✓ | ✓ | ✓ | — | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | — | — | ✓ | ✓ | ✓ | — | — | ✓ | ✓ | — | ✓ | — | ✓ |
| ABP Series | — | — | ✓ | ✓ | — | ✓ | ✓ | ✓ | — | ✓ | — | — | ✓ | ✓ | ✓ | ✓ | ✓ | — | — | ✓ | — | ✓ | ✓ | ✓ | — | ✓ | — | — | — | — | ✓ |
| TBP Series | — | — | — | ✓ | — | — | — | — | — | — | — | — | — | — | ✓ | — | — | — | — | — | — | ✓ | ✓ | — | — | — | — | — | — | — | ✓ |
| NBP Series | — | — | — | ✓ | — | — | — | — | — | — | — | — | — | — | — | ✓ | — | — | — | — | — | — | ✓ | — | — | — | — | — | — | — | ✓ |
| **MICROPRESSURE** | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| MPR Series | ✓ | — | — | ✓ | ✓ | — | — | — | ✓ | — | — | — | — | — | — | ✓ | — | — | — | — | — | — | ✓ | — | ✓ | — | — | — | — | ✓ | ✓ |
| **24PC, 26PC** | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 24PC Series | — | — | — | ✓ | — | ✓ | ✓ | ✓ | — | ✓ | — | — | ✓ | ✓ | ✓ | — | — | — | — | ✓ | ✓ | — | — | — | — | — | — | — | ✓ | — | — |
| 26PC Series | — | — | — | ✓ | — | ✓ | ✓ | ✓ | — | ✓ | — | — | ✓ | ✓ | ✓ | — | — | — | — | ✓ | ✓ | — | — | — | — | — | — | — | ✓ | — | — |

# TABLE 4. POTENTIAL INDUSTRIAL APPLICATIONS

| BOARD MOUNT PRESSURE SENSOR | Air Compressors | Air Movement Control | Barometry | Drones | Environmental Control | Filter Monitoring Equipment | Flow Calibrators | Gas Chromatography | Gas Flow Instrumentation | Gas Collection/Delivery | Gas and Water Meters | Humidifiers | HVAC Clogged Air Filter Detection | HVAC Systems | HVAC Transmitters | Indoor Air Quality | Industrial Controls | Instrumentation | Leak Detection | Level Indicators | Life Sciences | Other Commercial Equipment | Pneumatic Control | Pressure Valves | Robotics | Static Ducts | VAV (Variable Air Volume) Control | Water Control Valves | Weather Balloons |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **TRUSTABILITY™** | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| RSC Series | — | — | ✓ | ✓ | — | — | ✓ | ✓ | ✓ | — | — | — | ✓ | ✓ | ✓ | ✓ | — | — | ✓ | — | ✓ | — | ✓ | — | — | — | ✓ | — | ✓ |
| HSC Series | — | — | — | ✓ | — | — | — | — | — | — | — | — | ✓ | — | ✓ | ✓ | — | — | — | — | — | — | — | — | — | ✓ | ✓ | — | — |
| SSC Series | — | — | — | — | — | — | — | — | — | — | — | — | ✓ | — | ✓ | ✓ | — | — | — | — | — | — | — | — | — | ✓ | ✓ | — | — |
| DPR Series | — | — | — | — | ✓ | ✓ | — | — | — | — | — | — | ✓ | ✓ | ✓ | — | — | — | — | — | — | — | — | — | — | ✓ | ✓ | — | — |
| TSC Series | — | — | — | — | — | — | — | ✓ | — | ✓ | — | — | — | — | ✓ | — | — | ✓ | — | — | — | — | — | ✓ | ✓ | ✓ | — | — | — |
| NSC Series | — | — | ✓ | — | — | — | — | ✓ | — | ✓ | — | — | — | — | ✓ | — | — | ✓ | — | — | — | — | — | ✓ | ✓ | — | — | — | — |
| **BASIC PRESSURE** | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ABP2 Series | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | — | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| ABP Series | ✓ | ✓ | — | — | ✓ | ✓ | — | — | — | ✓ | ✓ | ✓ | — | — | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | — | ✓ | ✓ | ✓ | ✓ | — | — | — | — |
| TBP Series | — | ✓ | — | — | ✓ | — | — | — | — | — | — | — | ✓ | — | ✓ | — | ✓ | ✓ | — | ✓ | ✓ | ✓ | ✓ | — | — | — | — | — | — |
| NBP Series | — | ✓ | — | — | ✓ | — | — | — | — | — | — | — | ✓ | — | ✓ | — | ✓ | ✓ | — | ✓ | ✓ | — | ✓ | ✓ | — | — | — | — | — |
| **MICROPRESSURE** | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| MPR Series | — | — | — | ✓ | — | — | — | — | — | — | — | ✓ | ✓ | — | — | — | — | — | — | — | — | ✓ | — | ✓ | ✓ | ✓ | ✓ | — | — |
| **24PC AND 26PC** | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 24PC Series | ✓ | — | — | — | — | ✓ | — | ✓ | — | ✓ | — | — | — | — | — | — | ✓ | ✓ | ✓ | — | — | — | — | ✓ | ✓ | — | — | ✓ | — |
| 26PC Series | ✓ | — | — | — | — | ✓ | — | ✓ | — | ✓ | — | — | — | — | — | — | ✓ | ✓ | ✓ | — | — | — | — | ✓ | ✓ | — | — | ✓ | — |

# TABLE 5. OTHER POTENTIAL APPLICATIONS

| BOARD MOUNT PRESSURE SENSOR | Air Beds | Air Brakes | Coffee Machines | CNG | Drink Dispensers | Fork Lifts | Fuel Level Measurement | Irrigation Equipment | Monitoring | Washing Machines, Dishwashers |
|---|---|---|---|---|---|---|---|---|---|---|
| **BASIC PRESSURE** | | | | | | | | | | |
| ABP2 Series | — | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | — | ✓ | ✓ |
| ABP Series | — | — | ✓ | — | ✓ | — | — | — | — | — |
| TBP Series | — | — | ✓ | — | ✓ | — | — | — | — | — |
| NBP Series | — | — | ✓ | — | ✓ | — | — | — | — | — |
| **MICROPRESSURE** | | | | | | | | | | |
| MPR Series | ✓ | — | ✓ | — | ✓ | — | — | — | — | — |
| **24PC, 26PC** | | | | | | | | | | |
| 24 PC Series | — | — | — | — | ✓ | — | — | ✓ | — | — |
| 26 PC Series | — | — | — | — | ✓ | — | — | ✓ | — | — |

## WARRANTY/REMEDY

Honeywell warrants goods of its manufacture as being free of defective materials and faulty workmanship during the applicable warranty period. Honeywell's standard product warranty applies unless agreed to otherwise by Honeywell in writing; please refer to your order acknowledgement or consult your local sales office for specific warranty details. If warranted goods are returned to Honeywell during the period of coverage, Honeywell will repair or replace, at its option, without charge those items that Honeywell, in its sole discretion, finds defective. **The foregoing is buyer's sole remedy and is in lieu of all other warranties, expressed or implied, including those of merchantability and fitness for a particular purpose. In no event shall Honeywell be liable for consequential, special, or indirect damages.**

While Honeywell may provide application assistance personally, through our literature and the Honeywell web site, it is buyer's sole responsibility to determine the suitability of the product in the application.

Specifications may change without notice. The information we supply is believed to be accurate and reliable as of this writing. However, Honeywell assumes no responsibility for its use.

## FOR MORE INFORMATION

Honeywell Advanced Sensing Technologies services its customers through a worldwide network of sales offices and distributors. For application assistance, current specifications, pricing or the nearest Authorized Distributor, visit our website or call:

| | |
|---|---|
| USA/Canada | +1 302 613 4491 |
| Latin America | +1 305 805 8188 |
| Europe | +44 1344 238258 |
| Japan | +81 (0) 3-6730-7152 |
| Singapore | +65 6355 2828 |
| Greater China | +86 4006396841 |

**Honeywell**
**Advanced Sensing Technologies**
830 East Arapaho Road
Richardson, TX 75081
sps.honeywell.com/ast

**Honeywell**