

# **FLEXIBLE & ACCURATE** **WET PRESSURE SENSING**

Precise differential pressure monitoring

---

PWTB Series  
Wet Pressure Sensors

---

**Honeywell**

# WET PRESSURE SENSORS: PWTB SERIES

## MONITORING FOR CONTROL OF LIQUID PRESSURE

Bring accuracy and savings to your business and buildings with Honeywell liquid pressure sensors. Our wet pressure sensors are engineered to provide high accuracy, flexible installation and reliability. No bypass valving required, which simplifies installation and minimizes cost.

### PWTB SERIES

- Up to five selectable ranges plus high resolution mode for lower pressures
- NEMA 4X rated enclosure
- Three selectable analog outputs 0-5/10Vdc, 4-20mA
- No bypass required to reduce plumbing complexity and cost
- Sensors protected from water hammer damage with built-in removable pressure snubbers
- Both pre-wired and field-wired configurations save time and money
  - Pressure sensor with DIN connector
  - Plenum or Armored cable

### APPLICATIONS

- Monitor and control pump, chiller/boiler, and chilled water/hot water differential pressure
- Process control systems
- Monitor pressure differential across pumps, filters, heat exchangers, and other non-corrosive wet media applications



### PWTB 50, 100, 250 WET PRESSURE SENSORS

| Selectable Ranges |                      |  |   |                     |
|-------------------|----------------------|--|---|---------------------|
| Model Number      | Max Sensor Pressure  | 1% Accuracy  | 2% Accuracy                             | Cable Length (Feet) |
| PWTB50-X          | 50 PSIG<br>345 kPa   | 20/25/30/40/50 PSID<br>138/172/207/276/345 kPa       | 10/15 PSID<br>69/103 kPa                | Installer provided* |
| PWTB50-PC-9       |                      |  |   | Plenum — 9 feet     |
| PWTB50-AC-9       |                      |  |   | Armor — 9 feet      |
| PWTB100-X         | 100 PSIG<br>689 kPa  | 40/50/75/100 PSID<br>276/345/517/689 kPa             | 15/20/25/30 PSID<br>103/138/172/207 kPa | Installer provided* |
| PWTB100-PC-9      |                      |  |   | Plenum — 9 feet     |
| PWTB100-AC-9      |                      |  |   | Armor — 9 feet      |
| PWTB250-X         | 250 PSIG<br>1724 kPa | 75/100/125/150/250 PSID<br>517/689/862/1034/1724 kPa | 30/40/50 PSID<br>207/276/345 kPa        | Installer provided* |
| PWTB250-PC-9      |                      |  |   | Plenum — 9 feet     |
| PWTB250-AC-9      |                      |  |   | Armor — 9 feet      |

\*Shielded cable provided by installer either plenum rated or installed in conduit.

#### Honeywell Building Technologies

715 Peachtree St NE  
Atlanta, Georgia 30308  
[Buildings.Honeywell.com](https://buildings.honeywell.com)

BMS-SS-PWTBWetPressureSensors | 01-00192 | 2022-06-07  
© 2022 Honeywell International Inc.

**Honeywell**