**ECONOMICAL VERY LOW DP TRANSUDER WITH BIDIRECTIONAL RANGES**

**PX2650 Series**

- For Dry Gases
- Ranges from 0.25 inH₂O to 100 inH₂O
- For Use in Building Management, HVAC Ducts, or Clean Rooms
- Works with Unregulated Voltage Source
- Fully Protected Against Incorrect Wiring

**SPECIFICATIONS**

- **Excitation:** 9 to 30 Vdc unregulated
- **Output Impedance:** <100 Ω
- **Output Span:** Set to 5 Vdc ±50 mV
- **Zero Offset:** Set to ±50 mV
- **Accuracy:** ±1% BFSL at constant temperature (includes linearity, repeatability and hysteresis)
- **Linearity:** ±0.98% full scale (typical)
- **Hysteresis:** 0.1% full scale (typical)
- **Repeatability:** ±0.05% full scale
- **Compensated Temperature Range:** -18 to 65°C (0 to 149°F)
- **Thermal Effects:** ±0.06%/°C (±0.033%/°F)
- **Proof Pressure:** ±10 psi, all ranges
- **Position Effect:** Factory calibration with diaphragm vertical
  - **Range**
  - **Zero Offset (%FS/G)**
    - 0 to 0.5 inH₂O: 0.6
    - 0 to 1 inH₂O: 2.2
    - 0 to 5 inH₂O: 1.4
- **Sensor:** Capacitive
- **Media:** Air or similar non-conducting gases
- **Pressure Port:** 3/16" OD pressure fitting for 1/4" tube
- **Case:** Fire-retardant glass-filled polyester
- **Mounting:** 2 tabs with #8 holes
- **Electrical Connection:** Screw terminals
- **Weight:** 85 g (3 oz)

**To Order**

<table>
<thead>
<tr>
<th>CABLE MODEL NO</th>
<th>RANGE (inH₂O)</th>
<th>COMPATIBLE METERS</th>
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</thead>
<tbody>
<tr>
<td>PX2650-0.5D5V</td>
<td>0 to 0.5</td>
<td>DP41-E, DP25B-E, DP-7700</td>
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<tr>
<td>PX2650-2D5V</td>
<td>0 to 2</td>
<td>DP41-E, DP25B-E, DP-7700</td>
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<tr>
<td>PX2650-10D5V</td>
<td>0 to 10</td>
<td>DP41-E, DP25B-E, DP-7700</td>
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<tr>
<td>PX2650-25D5V</td>
<td>0 to 25</td>
<td>DP41-E, DP25B-E, DP-7700</td>
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<td>PX2650-50D5V</td>
<td>0 to 50</td>
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<tr>
<td>PX2650-100D5V</td>
<td>0 to 100</td>
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<tr>
<td>PX2650-0.25BD5V</td>
<td>±0.25</td>
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<td>PX2650-1BD5V</td>
<td>±1</td>
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<tr>
<td>PX2650-2BD5V</td>
<td>±2</td>
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<td>PX2650-5BD5V</td>
<td>±5</td>
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<td>±25</td>
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<tr>
<td>PX2650-50BD5V</td>
<td>±50</td>
<td>DP41-E, DP25B-E, DP-7700</td>
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</table>

Comes complete with operator’s manual.

Ordering Examples:
- **PX2650-0.5D5V**, differential pressure transducer with range of 0 to 0.5 inH₂O and 0 to 5V output.
- **PX2650-2D5V**, differential pressure transducer with range of 0 to 2 inH₂O and 0 to 5V output.