The PX278 is a rugged, differential pressure transducer which offers up to six field selectable ranges in one unit. The PX278 incorporates a rugged, steel panel mount chassis and is ideal for OEM applications.

**SPECIFICATIONS**

- **Excitation:** 12 to 35 Vdc
- **Output:** 0 to 5 or 0 to 10 Vdc
- **Accuracy:** ±1.0% FS
- **Operating Temp.:** -18 to 80°C (0 to 175°F)
- **Compensated Temp.:** -4 to 65°C (25 to 150°F)
- **Thermal Effects:** 0.02% FS/°C (±0.0125% FS/°F)
- **Static Pressure:** 10 psi
- **Media Compatibility:** Clean dry air or inert gas
- **Pressure Fittings:** 0.2” hose barbs (use 3⁄16” Tygon tubing)
- **Termination:** Screw terminal block
- **Enclosure:** Enamel coated, 18 GA steel, panel mount chassis
- **Weight:** 454 g (1 lb)

<table>
<thead>
<tr>
<th>MODEL NO.</th>
<th>Selectable Ranges (inH₂O)</th>
<th>PRICE</th>
<th>COMPATIBLE METERS</th>
</tr>
</thead>
<tbody>
<tr>
<td>PX278-0.1D5V</td>
<td>0 to 0.1, -0.05 to 0.05</td>
<td>$175</td>
<td>DP24-E, DP25-E, DP41-E</td>
</tr>
<tr>
<td>PX278-01D5V</td>
<td>0 to 1.0, 0 to 0.5, 0 to 0.25, -0.5 to 0.5, -0.25 to 0.25, -0.125 to 0.125</td>
<td>175</td>
<td>DP24-E, DP25-E, DP41-E</td>
</tr>
<tr>
<td>PX278-05D5V</td>
<td>0 to 5.0, 0 to 2.5, 0 to 1.25, -2.5 to 2.5, -1.25 to 1.25, -0.625 to 0.625</td>
<td>175</td>
<td>DP24-E, DP25-E, DP41-E</td>
</tr>
<tr>
<td>PX278-30D5V</td>
<td>0 to 30, 0 to 15, 0 to 7.5, -15 to 7.5, -7.5 to 7.5, -3.75 to 3.75</td>
<td>175</td>
<td>DP24-E, DP25-E, DP41-E</td>
</tr>
</tbody>
</table>

Ordering Example: PX278-0.1D5V, pressure transducer with user selectable ranges of 0 to 0.1, and -0.05 to 0.05 inches of water, $175
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- **Data Acquisition**

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