OEM STYLE DIFFERENTIAL PRESSURE TRANSMITTER
WITH FIELD-SELECTABLE RANGES

Current or Voltage Output

PX275/278 Series

- Up to 6 Field-Selectable Ranges in a Single Unit
- Rugged Panel Mount Chassis
- Up to 10 psid Overpressure Without Zero Shift

The PX275 is a rugged differential pressure transmitter that offers up to 6 field-selectable ranges in one unit. It incorporates a rugged, steel panel-mount chassis and is ideal for OEM applications.

SPECIFICATIONS

Excitation:
- 4 to 20 mA: 12 to 40 Vdc
- 5 to 10 V: 12 to 35 Vdc

Output:
- 4 to 20 mA (2 wire): 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)
- Proof Pressure: 10 psi

Media Compatibility: Clean, dry air or inert gas
Pressure Fittings: 0.2” hose barbs [use 0.188” (3⁄16”) flexible tubing]
Termination: Screw terminal block
Enclosure: Enamel coated, 18 GA steel, panel-mount chassis
Weight: 250 g (0.5 lb)

To Order

<table>
<thead>
<tr>
<th>CURRENT MODEL NO.</th>
<th>VOLTAGE MODEL NO.</th>
<th>SELECTABLE RANGES (inH₂O)</th>
<th>COMPATIBLE METERS*</th>
</tr>
</thead>
<tbody>
<tr>
<td>PX275-0.1DI</td>
<td>PX278-0.1D5V</td>
<td>0 to 0.1, -0.05 to +0.05</td>
<td>DP24-E, DP25B-E, DP41B-E</td>
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<tr>
<td>PX275-01DI</td>
<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>DP24-E, DP25B-E, DP41B-E</td>
</tr>
<tr>
<td>PX275-05DI</td>
<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>DP24-E, DP25B-E, DP41B-E</td>
</tr>
<tr>
<td>PX275-30DI</td>
<td>PX278-30D5V</td>
<td>0 to 30, 0 to 15, 0 to 7.5, -15 to 15, -7.5 to 7.5, -3.75 to 3.75</td>
<td>DP24-E, DP25B-E, DP41B-E</td>
</tr>
</tbody>
</table>

Comes complete with operator’s manual.

* Visit us online for compatible meters.

Ordering Examples:
- PX275-0.1DI, current output pressure transmitter with user-selectable ranges of 0 to 0.1 and -0.05 to 0.05 inH₂O.
- PX278-05D5V, voltage output pressure transmitter with user-selectable ranges between ±0.625 inH₂O and 0 to 5 inH₂O.

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