

OMEGA PX277-05D5V

Differential Pressure Transducer with Field Selectable Range



Limited Availability
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DIFFERENTIAL PRESSURE TRANSDUCER WITH FIELD SELECTABLE RANGE



PX277
\$195
Model Shown

- ✓ Up to 6 Field Selectable Ranges in a Single Unit
- ✓ Rugged NEMA-4 (IP-65) Enclosure with External Mounting Bracket
- ✓ NIST Traceable Calibration
- ✓ Up to 10 psid Overpressure Without Zero Shift

The PX277 is a rugged, differential pressure transducer which offers up to six field selectable ranges in one unit. The PX277 incorporates a rugged NEMA-4 (IP-65) dust proof and splash proof enclosure with an external mounting bracket.

SPECIFICATIONS

Excitation: 12 to 35 Vdc

Output: 0 to 5 or 0 to 10 Vdc selectable

Accuracy: $\pm 1.0\%$ 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
($\pm 0.0125\%$ FS/°F)

Proof Pressure: 10 psi

Media Compatibility:
Clean dry air or inert gas

Pressure Fittings: 0.2" hose barbs
(use $\frac{3}{16}$ " Tygon tubing)

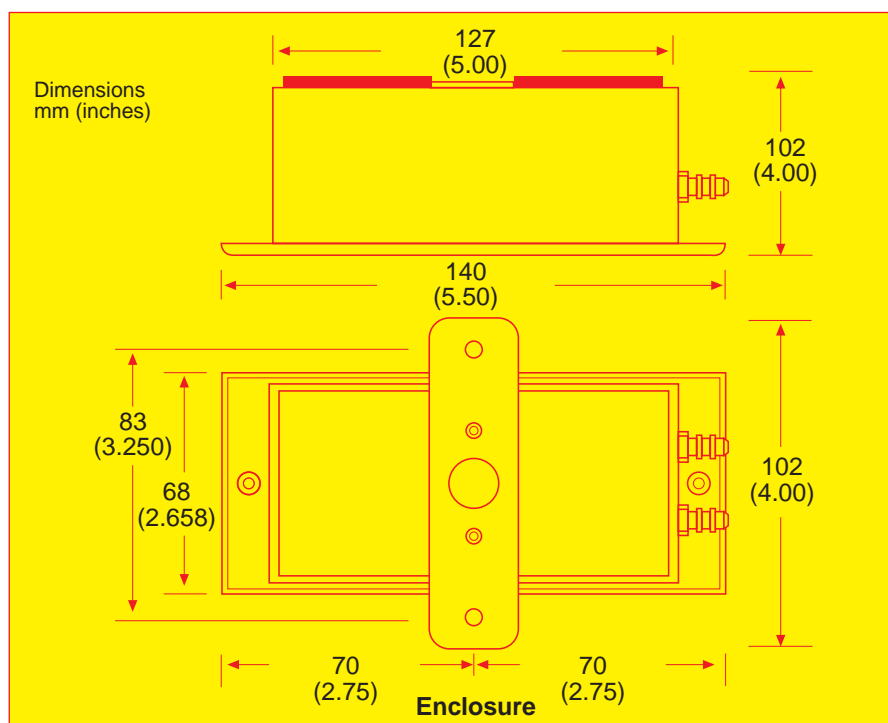
Termination: Screw terminal block

Enclosure: Enamel coated, 18 GA steel,
NEMA-4 (IP-65) rated

Weight: 454 g (1.0 lb)



Shown smaller
than actual size



To Order (Specify Model Number)

| MODEL NO. | SELECTABLE RANGES (inH ₂ O) | PRICE | COMPATIBLE METERS |
|--------------|---|-------|------------------------|
| PX277-0.1D5V | 0 to 0.1, -0.05 to +0.05 | \$195 | DP24-E, DP25-E, DP41-E |
| PX277-01D5V | 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 | 195 | DP24-E, DP25-E, DP41-E |
| PX277-05D5V | 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 | 195 | DP24-E, DP25-E, DP41-E |
| PX277-30D5V | 0 to 30, 0 to 15, 0 to 7.5, -15 to 15, -7.5 to 7.5, -3.75 to 3.75 | 195 | DP24-E, DP25-E, DP41-E |

Ordering Example: PX277-0.1D5V, pressure transmitter with user selectable ranges of 0 to 0.1, and -0.05 to 0.05 inches of water, \$195

DIFFERENTIAL
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B



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• Pressure, Strain and Force

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• Heaters

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