

# COMPACT PRESSURE TRANSMITTER FOR ABSOLUTE AND SEALED PRESSURES

## PX177 Series

0-15 to 0-5000 psi

0-1.0 to 0-200 bar

Starts at  
**\$355**



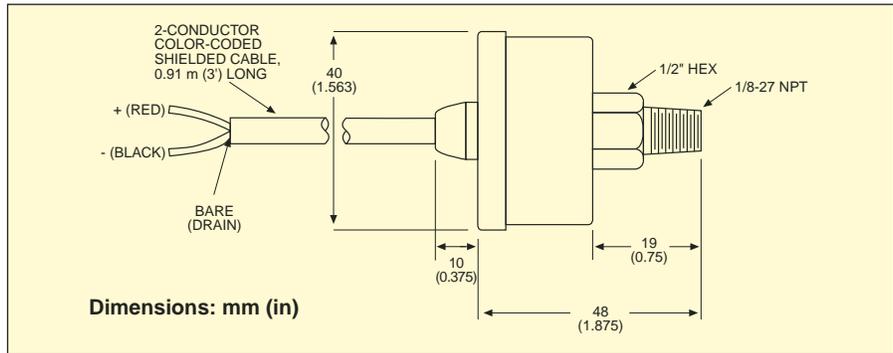
PX177-015AI, \$410, shown actual size.



PS-8G snubber, \$10, sold separately, see page C-5.

- ✓ Waterproof Case for Harsh Environments
- ✓ Compact Size for Ease of Use
- ✓ Ideal for Freon and Ammonia Applications

The PX177 uses silicon strain gages mounted on a beam that is coupled to a stainless steel diaphragm, for maximum thermal isolation. The sensing element and internal electronics are protected from the environment by a stainless steel case.



### SPECIFICATIONS

- Excitation:** 12 to 35 Vdc
- Output:** 4 to 20 mA (2 wire) reverse polarity protected
- Accuracy:** 1% FS (includes repeatability, linearity BFSL and hysteresis)
- Zero Balance:** 4 ±0.4 mA
- Span Tolerance:** 16 ±0.32 mA
- Operating Temperature:** -18 to 100°C (0 to 212°F)
- Compensated Temperature:** -1 to 54°C (30 to 130°F)
- Thermal Effects:**
  - Zero: 1% FS
  - Span: 1% rdg
- Proof Pressure:** 200% FS (150% FS above 300 psi range)
- Burst Pressure:** 10x FS (5x FS above 300 psi range)
- Max Loop Res:** (Supply voltage - 12) x 50
- Response Time:** 50 Hz
- Wetted Parts:** Brazed assembly of 300 Series SS
- Pressure Port:** 1/8 NPT
- Electrical Connections:** 2-conductor, 22 AWG, shielded, 36" pigtail leads
- Weight:** 114 g (4 oz)

**MOST POPULAR MODELS HIGHLIGHTED!**

To Order (Specify Model Number)				
RANGE		MODEL NO.	PRICE	COMPATIBLE METERS**
0 to 15 psia	0 to 1.0 bar	PX177-015AI	\$410	DP41-E, DP25B-E, DP24-E
0 to 25 psia	0 to 1.7 bar	PX177-025AI	410	DP41-E, DP25B-E, DP24-E
0 to 50 psia	0 to 3.4 bar	PX177-050AI	410	DP41-E, DP25B-E, DP24-E
0 to 100 psis*	0 to 6.9 bar	PX177-100SI	355	DP41-E, DP25B-E, DP24-E
0 to 200 psis*	0 to 13.8 bar	PX177-200SI	355	DP41-E, DP25B-E, DP24-E
0 to 500 psis*	0 to 34.5 bar	PX177-500SI	355	DP41-E, DP25B-E, DP24-E
0 to 1000 psis*	0 to 68.9 bar	PX177-1KSI	355	DP41-E, DP25B-E, DP24-E
0 to 3000 psis*	0 to 207 bar	PX177-3KSI	355	DP41-E, DP25B-E, DP24-E
0 to 5000 psis*	0 to 345 bar	PX177-5KSI	355	DP41-E, DP25B-E, DP24-E

Comes with complete operator's manual.

\* Sealed gage: measured with respect to a standard atmosphere (14.7 psia).

\*\* See section D for compatible meters.

Ordering Example: PX177-015AI, 15 psia pressure transducer, \$410.

### ACCESSORIES - 1/8 NPT Snubbers

MODEL NO.	PRICE	DESCRIPTION
PS-8G	\$10	Pressure snubber for gaseous media
PS-8E	10	Pressure snubber for water and light oils
PS-8D	10	Pressure snubber for dense liquids (motor oil)
EE-2454	160	Reference Book: The Industrial Electronics Handbook

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