

ARTISAN®
TECHNOLOGY GROUP

Your **definitive** source for quality pre-owned equipment.

Artisan Technology Group
(217) 352-9330 | sales@artisantg.com | artisantg.com

Full-service, independent repair center
with experienced engineers and technicians on staff.

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along with credit for buybacks and trade-ins.

Custom engineering
so your equipment works exactly as you specify.

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- In stock / Ready-to-ship
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Expert team | Trust guarantee | 100% satisfaction

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COMPACT PRESSURE TRANSMITTER
FOR ABSOLUTE AND SEALED GAGE PRESSURES

0-15 to 0-5000 psi
0-1.0 to 0-200 bar

PX177 Series



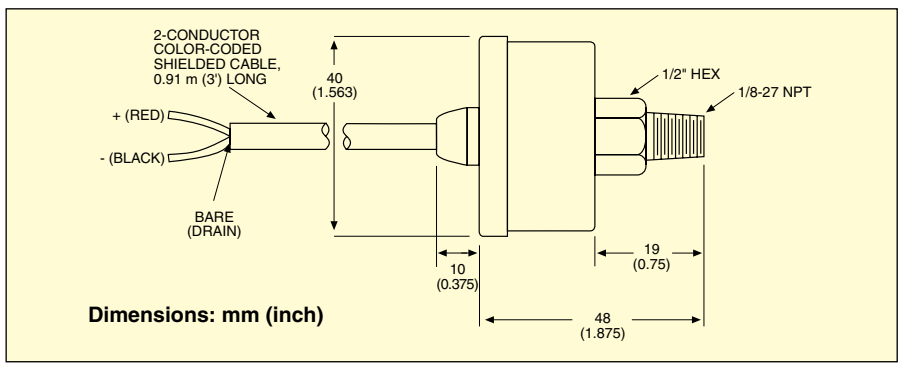
PX177-100SI, shown actual size.

PS-8G snubber, sold separately.

Metric thread adaptors available, visit us online.

- **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: ⅛ NPT
Electrical Connections: 2-conductor, 22 AWG, shielded, 36" pigtail leads
Weight: 114 g (4 oz)

To Order

RANGE		MODEL NO.	COMPATIBLE METERS**
0 to 15 psia	0 to 1.0 bar	**PX177-015AI**	DP41-E, DP25B-E, DP24-E
0 to 25 psia	0 to 1.7 bar	**PX177-025AI**	DP41-E, DP25B-E, DP24-E
0 to 50 psia	0 to 3.4 bar	**PX177-050AI**	DP41-E, DP25B-E, DP24-E
0 to 100 psis*	0 to 6.9 bar	**PX177-100SI**	DP41-E, DP25B-E, DP24-E
0 to 200 psis*	0 to 13.8 bar	**PX177-200SI**	DP41-E, DP25B-E, DP24-E
0 to 500 psis*	0 to 34.5 bar	**PX177-500SI**	DP41-E, DP25B-E, DP24-E
0 to 1000 psis*	0 to 68.9 bar	**PX177-1KSI**	DP41-E, DP25B-E, DP24-E
0 to 3000 psis*	0 to 207 bar	**PX177-3KSI**	DP41-E, DP25B-E, DP24-E
0 to 5000 psis*	0 to 345 bar	**PX177-5KSI**	DP41-E, DP25B-E, DP24-E

Comes complete with operator's manual.
** Sealed gage: measured with respect to a standard atmosphere (14.7 psia).*
*** Visit us online for compatible meters.*
***Ordering Example: PX177-015AI,** 15 psia pressure transducer.*

ACCESSORIES - ⅛ NPT Snubbers

MODEL NO.	DESCRIPTION
PS-8G	Pressure snubber for gaseous media
PS-8E	Pressure snubber for water and light oils
PS-8D	Pressure snubber for dense liquids (motor oil)

Artisan Technology Group is an independent supplier of quality pre-owned equipment

Gold-standard solutions

Extend the life of your critical industrial, commercial, and military systems with our superior service and support.

We buy equipment

Planning to upgrade your current equipment? Have surplus equipment taking up shelf space? We'll give it a new home.

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