



**\$295**

Model Shown

**PX61V Series  
mV/V Output**

**0-50 to 0-15,000 psi**

**0-3 to 0-1,000 bar**

1 bar = 14.5 psi

1 kg/cm<sup>2</sup> = 14.22 psi

1 Atmosphere = 14.7 psi = 29.93

in-Hg = 760.2 mm-Hg = 1.014 bar

- ✓ Miniature Flush Diaphragm
- ✓ Hermetically Sealed in Stainless Steel Case
- ✓ Available in PSIA, PSIS, PSIG, and Metric Ranges

**SPECIFICATIONS:**

**Electrical:**

Excitation: 5 Vdc

Output: 2 mV/V

Accuracy Class: 1.0% Linearity and Hysteresis Combined

Repeatability: ±0.1% of FSO

Balance: ±1.0% of FSO

Bridge Resistance: 350 ohms

**Environmental:**

Operating Temperature Range:

-54 to +150°C (-65 to +300°F)

Compensated Temperature Range:

16 to +71°C (+60 to +160°F)

Thermal Effects: Span and Zero

Combined: ±0.02% FSO/°F

**For Sales and Service  
In U.S.A. and Canada**

**1-800-872-3963<sup>SM</sup>  
1-800-USA-DYNE**

International Customers Dial

**(614) 965-9340**

24-Hour FAX (614) 965-9438

**OMEGADYNE<sup>SM</sup> FAX**

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**1-800-344-3963<sup>SM</sup>  
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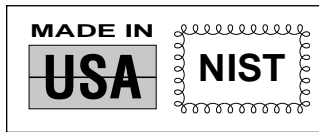
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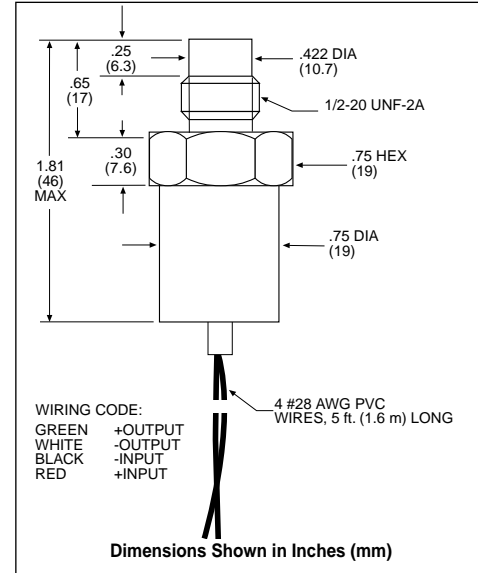


Interchangeable with  
Model TH-FD2

**SPEC SHEET  
PX61V**

# MINIATURE FLUSH DIAPHRAGM PRESSURE TRANSDUCER

1/2-20 UNF Pressure Connection



**Pressure:**

Proof Pressure: 150% of Capacity

Burst Pressure Minimum:

300% of Capacity or 30,000 psi  
whichever is less

**Mechanical:**

Electrical Connections: 5 ft (1.5m)

#28 awg 4-conductor PVC cable

Pressure Connection: 1/2-20 UNF-2A

Wetted Parts: 17-4 PH Stainless Steel

► Most Popular Models Highlighted ◀

Prices Shown in U.S. Dollars

To Order: (Specify Model Number)			
Range (psi)	Model Number	Price	Compatible Meters
<b>Absolute Pressure (All Ranges Available in Absolute Pressure)</b>			
0-50	PX61V1-050AV	\$295	INFS, INFCS
0-100	PX61V1-100AV	295	INFS, INFCS
<b>Gage Pressure (All Ranges Also Available in Sealed Gage Pressure)</b>			
0-50	PX61V1-050GV	295	INFS, INFCS
0-100	PX61V1-100GV	295	INFS, INFCS
0-150	PX61V1-150GV	295	INFS, INFCS
0-200	PX61V1-200GV	295	INFS, INFCS
0-300	PX61V1-300GV	295	INFS, INFCS
0-500	PX61V1-500GV	295	INFS, INFCS
0-1,000	PX61V1-1KGV	295	INFS, INFCS
0-2,500	PX61V1-2.5KGV	295	INFS, INFCS
0-5,000	PX61V1-5KGV	295	INFS, INFCS
0-10,000	PX61V1-10KGV	295	INFS, INFCS
0-15,000	PX61V1-15KGV	295	INFS, INFCS*

\*4 Digit meter, counts in increments of 10

Interchangeable with Model TH-FD2

Metric Ranges Available - Consult Engineering

To order PSIA models, change the "G" in the part number to "A".

To order PSIS models, change the "G" in the part number to "S".

**Ordering Examples:** 1.) PX61V1-100AV is a 100 psi Absolute Pressure transducer with 5 ft (1.5m) cable and a 1/2-20 UNF male pressure port, \$295. 2.) PX61V1-100SV is a 100 psi Sealed Gage pressure transducer with 5 ft (1.5m) cable and 1/2-20 UNF male pressure port, \$295.

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