

MINIATURE FLUSH DIAPHRAGM PRESSURE TRANSDUCER

1/2-20 UNF PRESSURE CONNECTION

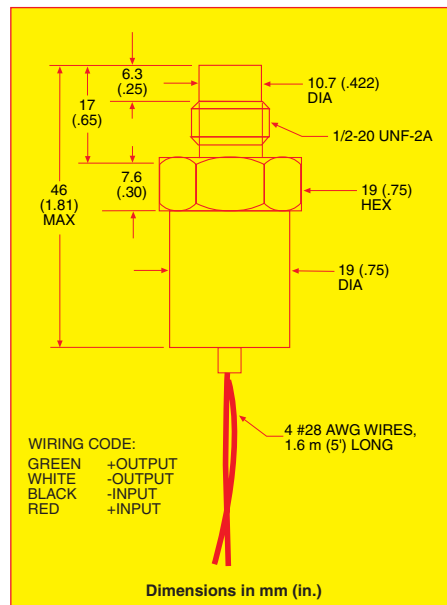
PX61V Series
mV/V Output
0-50 to 0-15,000 psi
0-3 to 0-1,000 bar

Model
PX61V1-200GV
\$295

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



Shown Actual Size



SPECIFICATIONS:

Excitation: 5 Vdc

Output: 2 mV/V $\pm 10\%$

Accuracy Class: 1.0% Linearity and Hysteresis Combined

Repeatability: $\pm 0.1\%$ of FSO

Balance: $\pm 1.0\%$ of FSO

Bridge Resistance: 350 Ω nominal

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: $\pm 0.02\%$ FSO/°F

Proof Pressure: 150% of Capacity

Burst Pressure Minimum:

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

Electrical Connections: 5 ft (1.5m)

Four #28 awg conductors, twisted

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

Wetted Parts: 17-4 PH Stainless Steel

To Order: (Specify Model Number)

RANGE (psi)	MODEL NUMBER	PRICE	COMPATIBLE METERS
Absolute Pressure (All Ranges Available in Absolute Pressure)			
0 to 50	PX61V[*]-050AV	\$295	DP41-S, DP25-S
0 to 100	PX61V[*]-100AV	295	DP41-S, DP25-S
Gage Pressure (All Ranges Also Available in Sealed Gage Pressure)			
0 to 50	PX61V[*]-050GV	295	DP41-S, DP25-S
0 to 100	PX61V[*]-100GV	295	DP41-S, DP25-S
0 to 150	PX61V[*]-150GV	295	DP41-S, DP25-S
0 to 200	PX61V[*]-200GV	295	DP41-S, DP25-S
0 to 300	PX61V[*]-300GV	295	DP41-S, DP25-S
0 to 500	PX61V[*]-500GV	295	DP41-S, DP25-S
0 to 1,000	PX61V[*]-1KGV	295	DP41-S, DP25-S
0 to 2,500	PX61V[*]-2.5KGV	295	DP41-S, DP25-S
0 to 5,000	PX61V[*]-5KGV	295	DP41-S, DP25-S
0 to 10,000	PX61V[*]-10KGV	295	DP41-S, DP25-S
0 to 15,000	PX61V[*]-15KGV	295	DP41-S, DP25-S*

*4 Digit meter, counts in increments of 10

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".

[*] To order Cable Style insert a 0, to order Connector Style insert a 1.

Ordering Examples: 1.) PX61V0-100AV is a 100 psi Absolute Pressure transducer with 5 ft (1.5m) cable and a 1/2-20 UNF male pressure port, \$295. 2.) PX61V0-100SV is a 100 psi Sealed Gage pressure transducer with 5 ft (1.5m) cable and 1/2-20 UNF male pressure port, \$295.



MILLIVOLT OUTPUT
PRESSURE TRANSDUCERS

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