

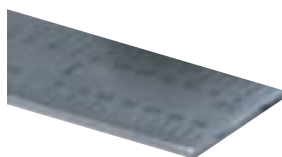
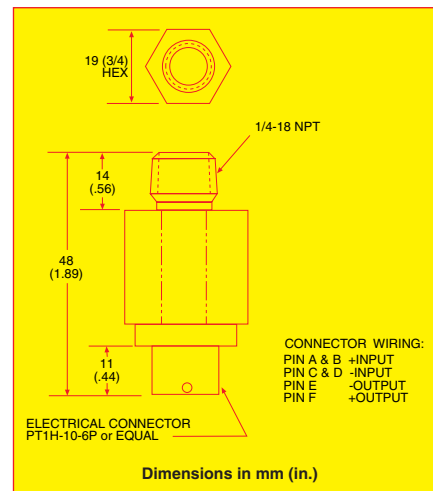
MINIATURE PRESSURE TRANSDUCER

1/4 NPT PRESSURE CONNECTION

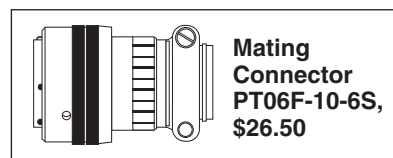
PX61C Series
mV/V Output
0-50 to 0-5,000 psi
0-3.5 to 0-350 bar

Model
PX61C1-050GV
\$425

- ✓ Miniature Flush Diaphragm
- ✓ Hermetically Sealed in Stainless Steel Case
- ✓ Flush Diaphragm for Precise Measurements



Shown Actual Size



SPECIFICATIONS:

Excitation: 5Vdc

Output: Range > 100 psi: 2mV/V
Range ≤100 psi: 0.1mV/psi @5Vdc

Bridge Resistance: 350 Ω nominal

Zero Balance: ±1.0% of FSO

Accuracy Class: 1.0% Linearity & Hysteresis Combined

Calibrated at 0%, 50%, 100%, 50%, 0%
Shunt Calibration Data included

Repeatability: 0.1% of FSO

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% of FSO/°F

Proof Pressure: 150% of capacity

Burst Pressure: 500% of capacity or
10,000 psi whichever is less

Electrical Connections: PT1H-10-6P
connector

Mating Connector: PT06F-10-6S
(not included)

Pressure Connection: 1/4-18 NPT

Wetted Parts: 17-4 PH Stainless Steel

MOST POPULAR MODELS HIGHLIGHTED

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To Order: (Specify Model Number)

RANGE (psi)	MODEL NUMBER	PRICE	COMPATIBLE METERS
Absolute Pressure (All Ranges Available in Absolute Pressure)			
0 to 50	PX61C1-050AV	\$425	DP41-S, DP25-S
0 to 100	PX61C1-100AV	425	DP41-S, DP25-S
Gage Pressure (All Ranges Available in Sealed Gage Pressure)			
0 to 50	PX61C1-050GV	425	DP41-S, DP25-S
0 to 100	PX61C1-100GV	425	DP41-S, DP25-S
0 to 200	PX61C1-200GV	425	DP41-S, DP25-S
0 to 300	PX61C1-300GV	425	DP41-S, DP25-S
0 to 500	PX61C1-500GV	425	DP41-S, DP25-S
0 to 1,000	PX61C1-1KGV	425	DP41-S, DP25-S

Metric Ranges Available - Consult Engineering

To order Sealed Gage Pressure models, change the "G" in the part number to "S" No charge.

To order Absolute Pressure models, change the "G" in the part number to "A" No charge.

Ordering Examples: 1.) PX61C1-100AV is a 100 psi Absolute Pressure transducer with PT1H-10-6P electrical connection and 1/4-18 NPT male pressure port, \$425 ea. Mating connector (not included) PT06F-10-6S \$26.50. 2.) PX61C1-100SV is a 100 psi Sealed Gage Pressure transducer with PT1H-10-6P electrical connection and 1/4-18 NPT male pressure port, \$425 ea. Mating connector (not included) PT06F-10-6S, \$26.50.