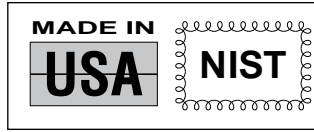




**\$515**  
Model Shown



**SPEC SHEET**  
**PX61J**

Interchangeable with  
Model TH-FD4

**PX61J Series**  
mV/V Output  
0-50 to 0-15,000 psi  
0-3.5 to 0-1000 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 all Stainless Steel
- ☑ Flush Diaphragm for Precise Measurements

**SPECIFICATIONS:**

**Electrical:**

**Excitation:** 5 Vdc  
**Output:** Ranges >100 psi: 2 mV/V ,  
Range ≤100psi: 0.1 mV/psi @ 5Vdc  
**Bridge Resistance:** 350 ohms  
**Zero Balance:** ±1.0% FSO

**Performance:**

**Accuracy Class:** 1.0% Linearity & Hysteresis Combined  
Shunt Calibration data included  
**Repeatability:** 0.1% FSO  
**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

**Pressure:**

**Proof Pressure:** 150% of capacity  
**Burst Pressure:** 400% of capacity or 30,000 psi whichever is less

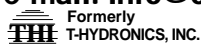
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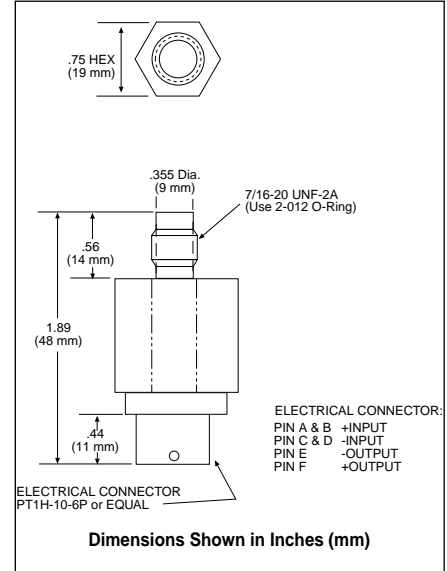
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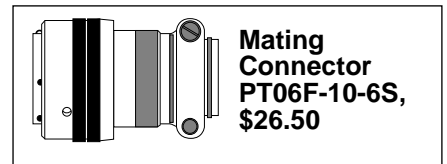
# Miniature Pressure Transducer

## 7/16-20 UNF Pressure Connection



**Mechanical:**

**Electrical Connections:** PT1H-10-6P  
**Mating Connector:** PT06F-10-6S  
(not included)  
**Pressure Connection:** 7/16-20 UNF-2A  
(Use 2-012 O-ring)  
**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	PX61J1-050AV	\$515	INFS, INFCS
0-100	PX61J1-100AV	515	INFS, INFCS
<b>Gage Pressure (All Ranges Also Available in Sealed Gage Pressure)</b>			
0-50	PX61J1-050GV	515	INFS, INFCS
0-100	PX61J1-100GV	515	INFS, INFCS
0-150	PX61J1-150GV	515	INFS, INFCS
0-200	PX61J1-200GV	515	INFS, INFCS
0-300	PX61J1-300GV	515	INFS, INFCS
0-500	PX61J1-500GV	515	INFS, INFCS
0-1,000	PX61J1-1KGV	515	INFS, INFCS
0-2,500	PX61J1-2.5KGV	515	INFS, INFCS
0-5,000	PX61J1-5KGV	515	INFS, INFCS
0-10,000	PX61J1-10KGV	515	INFS, INFCS
0-15,000	PX61J1-15KGV	515	INFS, INFCS

Interchangeable with Model TH-FD4

Metric Ranges Available - Consult Engineering

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

**Ordering Examples:** 1.) **PX61J1-100AV** is a 100 psi Absolute Pressure transducer with PT1H-10-6P electrical connection and 7/16-20 UNF male pressure port, \$515 ea. Mating connector, **PT06F-10-6S \$26.50** (not included). 2.) **PX61J1-300SV** is a 300 psi Sealed Gage Pressure transducer with PT1H-10-6P electrical connection and 7/16-20 UNF male pressure port, \$515 ea. Mating connector, **PT06F-10-6S \$26.50** (not included). Printed On Recycled Paper

