

# SUBMINIATURE MILLIVOLT OUTPUT TYPE PRESSURE TRANSDUCER FOR ACCURATE MEASUREMENTS IN RESTRICTED LOCATIONS

**PX610 Series**  
0-200 to 0-10k psi

PX610  
**\$515**  
All Ranges



- ✓ **Stainless Steel Diaphragm for Compatibility with Most Media**
- ✓ **Rugged Stainless Steel Case Protects Components in Industrial Environments**
- ✓ **Custom Subminiature Design Techniques Provide Small Size and Preserve Accuracy**
- ✓ **7/16" UNF Process Threading for Fast, Easy, and Secure Connections**
- ✓ **Connects to a PT06F-10-6S Quick Disconnect Connector for Easy Field Connections**

## SPECIFICATIONS

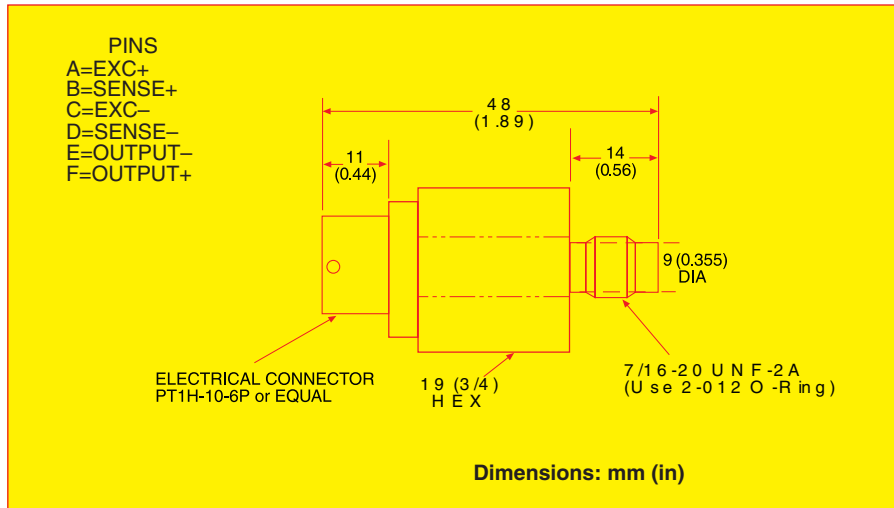
**Excitation:** 5 Vdc @ 15 mA  
**Output:** 10 mV (200 psi and above)  
**Sensitivity:** 2 mV/V Nominal  
**Input Impedance:** 360 Ω min  
**Output Resistance:** 350 Ω min  
**Insulation Resistance:** >5 MΩ @ 75 Vdc  
**Accuracy:** 1.0%  
 (Linearity and Hysteresis combined)  
 ±1% full scale B.F.S.L.  
**Repeatability:** ±0.1% FS  
**Zero Balance:** ±3.0%  
**Operating Temperature Range:**  
 -54 to 121°C (-65 to 250°F)  
**Compensated Temperature Range:**  
 16 to 71°C (60 to 160°F)  
**Thermal Zero Effect and Thermal Span Effect:** 0.036% FS/°C  
 (± 0.02% full scale/°F) max. combined



PT06F-10-6S  
Mating Connector  
and cable sold  
separately

**Proof Pressure:** 150% Range  
**Burst Pressure:** The lesser of:  
 400% Range; or 30,000 psi max  
**Body Material:** 17-4 PH Stainless Steel  
**Diaphragm Material:**  
 17-4 PH Stainless Steel

**O-Ring Size:** 2-012  
**Mating Connector:** PT06F-10-6S  
 (not included)  
**Weight:** 14 g (1.5 oz)  
**All Units Hermetically Sealed**



**ALL MODELS AVAILABLE FOR FAST DELIVERY!**

<b>To Order (Specify Model Number)</b>			
<b>RANGE (psig)</b>	<b>MODEL NO.</b>	<b>PRICE</b>	<b>COMPATIBLE METER</b>
0 to 200	PX610-200GV	\$515	DP41-S**, DP25B-S**, DP87**
0 to 500	PX610-500GV	515	DP41-S**, DP25B-S**, DP87**
0 to 1000	PX610-1KGV	515	DP41-S**, DP25B-S**, DP87**
0 to 5000	PX610-5KGV	515	DP41-S**, DP25B-S**, DP87**
0 to 10,000	PX610-10KGV	515	DP41-S**, DP25B-S**, DP87**

\*\* Meter Excitation Voltage must be adjusted by user to 5 Vdc.  
**Ordering Example:** PX610-2KGV is a 2000 psig transducer, \$515.  
 Mating connector, PT06F-10-6S, sold separately, \$26.50.



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