

SUBMINIATURE FLUSH DIAPHRAGM PRESSURE TRANSDUCER WITH 3/8-24 THREAD

PX600 Series
0-200 to 0-10K psi
0-13.8 to 0-689 bar

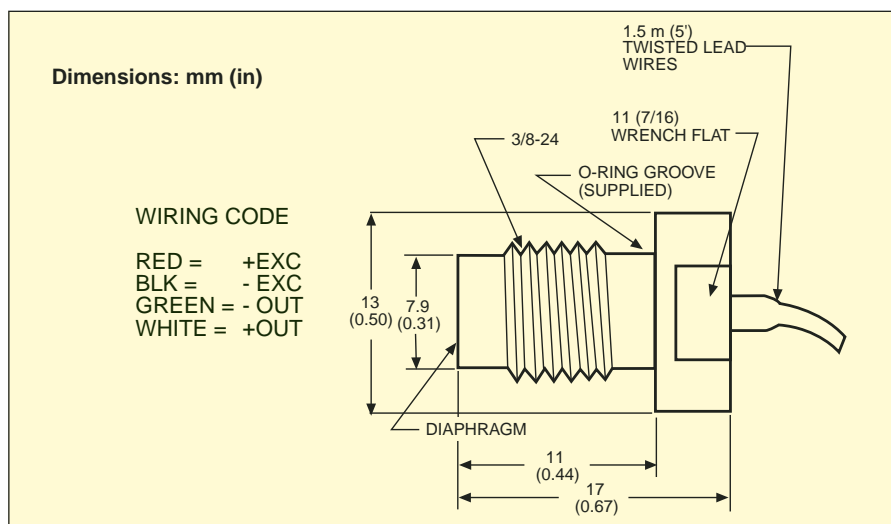
All Ranges
\$495



PX600-500GV, \$495, shown actual size.

Body and Diaphragm Material: 17-4 PH stainless steel
O-Ring: 2-011
Polyvinyl: 2-011-P \$15/10 pack
FKM: 2-011-V \$10/10 pack
Electrical Connection: 4-conductor cable
Weight: 14 g (0.5 oz)

- ✓ All Stainless Steel Diaphragm and Threaded Sidewall Construction
- ✓ Rugged Stainless Steel Case Protects Components in Industrial Environments
- ✓ Uses a Standard 5 Vdc Regulated Power Supply for Maximum Versatility
- ✓ Custom Subminiature Design Techniques Provide Small Size and Preserve Accuracy



ALL MODELS AVAILABLE FOR FAST DELIVERY!

To Order (Specify Model Number)

RANGE		MODEL NO.	PRICE	COMPATIBLE METERS*
psig	bar			
0 to 200	0 to 13.8	PX600-200GV	\$495	DP41-S**, DP25B-S**, DP87**
0 to 500	0 to 34.5	PX600-500GV	495	DP41-S**, DP25B-S**, DP87**
0 to 1000	0 to 68.9	PX600-1KGV	495	DP41-S**, DP25B-S**, DP87**
0 to 2000	0 to 138	PX600-2KGV	495	DP41-S**, DP25B-S**, DP87**
0 to 3000	0 to 207	PX600-3KGV	495	DP41-S**, DP25B-S**, DP87**
0 to 5000	0 to 345	PX600-5KGV	495	DP41-S**, DP25B-S**, DP87**
0 to 10,000	0 to 689	PX600-10KGV	495	DP41-S**, DP25B-S**, DP87**

Comes with 5-point calibration.

* See section D for compatible meters.

** Meter excitation voltage requires field adjustment by customer to 5 Vdc.

Ordering Example: PX600-200GV, 200 psig subminiature transducer, \$495.

ACCESSORY

MODEL NO.	PRICE	DESCRIPTION
AV-1043	\$150	Reference Book: Dictionary of Scientific and Technical Terms

SPECIFICATIONS

Excitation: 5 Vdc @ 15 mA

Output: 10 mV typical @ 5 Vdc

Sensitivity: 2 mV/V nominal

Input Impedance: 350 Ω min

Output Resistance: 350 Ω min

Insulation Resistance:

5 MΩ @ 75 Vdc

Accuracy: ±1% FS

(linearity and hysteresis combined)

Repeatability: ±0.1% FS

Zero Balance: ±3% FS

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: <±0.018%

full scale/°C

Thermal Sensitivity Effect: ±0.036% reading/°C

Proof Pressure: 150% range

Burst Pressure: 400% range

MINIATURE FLUSH DIAPHRAGM PRESSURE TRANSDUCER

16-20 UNF THREAD

PX610 Series
0-50 to 0-15K psi
0-3.4 to 0-1034 bar

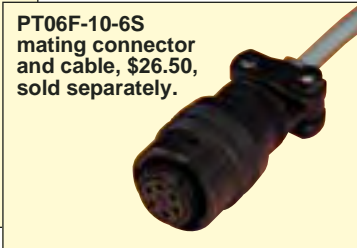
All Ranges
\$515



- ✓ **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 (100 psi and above)
Sensitivity: 2 mV/V nominal
Input Impedance: 360 Ω
Output Resistance: 350 Ω
Insulation Resistance: >5 MΩ @ 75 Vdc
Accuracy: 1.0% (linearity and hysteresis combined) ±1% full scale BFSL
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: ±0.01% FS/°F
Thermal Span Effect: 0.036% FS/°C (± 0.02% full scale/°F) max
Proof Pressure: 150% range



Burst Pressure: The lesser of 400% range or 30,000 psi max

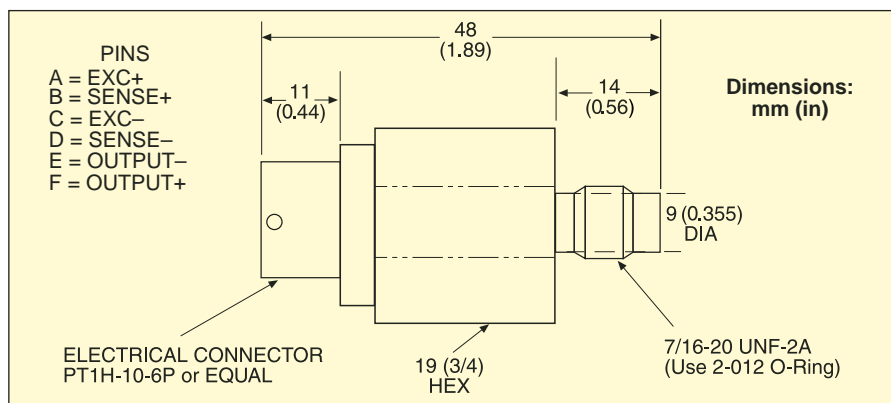
Body Material: 17-4 PH stainless steel

Diaphragm Material: 17-4 PH stainless steel

O-Ring Size: 2-012

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

Weight: 45 g (0.5 oz)



MOST POPULAR MODELS HIGHLIGHTED!

To Order (Specify Model Number)

RANGE		MODEL NO.	PRICE	COMPATIBLE METERS*
psig	bar			
ABSOLUTE PRESSURE				
0 to 50	0 to 3.4	PX610-050AV	\$515	DP41-S**, DP25B-S**, DP87**
0 to 100	0 to 6.9	PX610-100AV	515	DP41-S**, DP25B-S**, DP87**
GAGE PRESSURE				
0 to 50	0 to 3.4	PX610-050GV	\$515	DP41-S**, DP25B-S**, DP87**
0 to 100	0 to 6.9	PX610-100GV	515	DP41-S**, DP25B-S**, DP87**
0 to 150	0 to 10	PX610-150GV	515	DP41-S**, DP25B-S**, DP87**
0 to 200	0 to 14	PX610-200GV	515	DP41-S**, DP25B-S**, DP87**
0 to 300	0 to 21	PX610-300GV	515	DP41-S**, DP25B-S**, DP87**
0 to 500	0 to 34	PX610-500GV	515	DP41-S**, DP25B-S**, DP87**
0 to 1000	0 to 69	PX610-1KGV	515	DP41-S**, DP25B-S**, DP87**
0 to 2500	0 to 172	PX610-2.5KGV	515	DP41-S**, DP25B-S**, DP87**
0 to 5000	0 to 345	PX610-5KGV	515	DP41-S**, DP25B-S**, DP87**
0 to 10,000	0 to 689	PX610-10KGV	515	DP41-S**, DP25B-S**, DP87**
0 to 15,000	0 to 1034	PX610-15KGV	515	DP41-S**, DP25B-S**, DP87**

Comes with 5-point calibration.

* See section D for compatible meters. ** Meter excitation voltage must be adjusted by user to 5 Vdc.

Ordering Example: PX610-2KGV, 2000 psig transducer, \$515. PT06F-10-6S, mating connector (sold separately), \$26.50.

ACCESSORY

MODEL NO.	PRICE	DESCRIPTION
CE-1914	\$111	Reference Book: Fundamentals of Structural Analysis



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