

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

0-200 to 0-10,000 psi
0-13.8 to 0-689 bar

PX600 Series



- ✓ 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

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

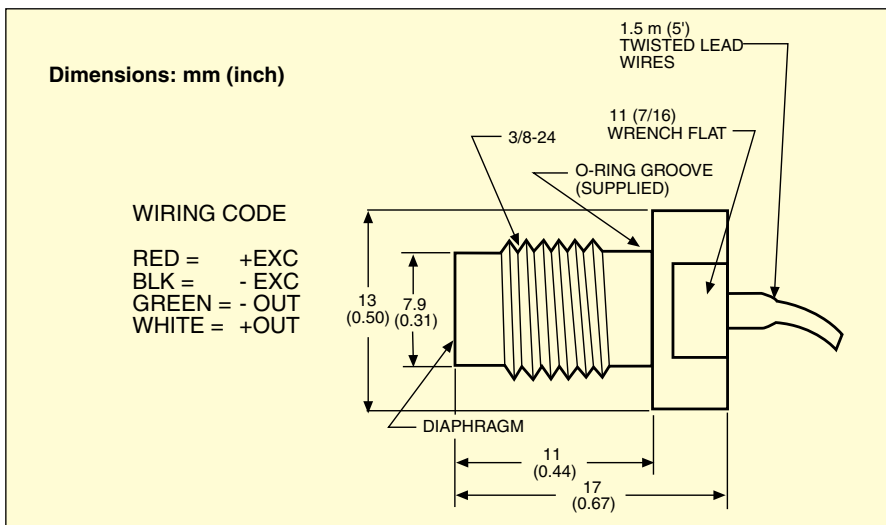
Body and Diaphragm Material:

17-4 PH stainless steel

O-Ring: 2-011, FKM

Electrical Connection: 4-conductor cable

Weight: 14 g (0.5 oz)



To Order

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

ACCESSORIES

MODEL NO.	DESCRIPTION
2-011-P	Polyvinyl O-rings, 10 pack
2-011-V	FKM O-rings, 10 pack

Comes complete with 5-point calibration and FKM O-rings.

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

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