

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



Standard

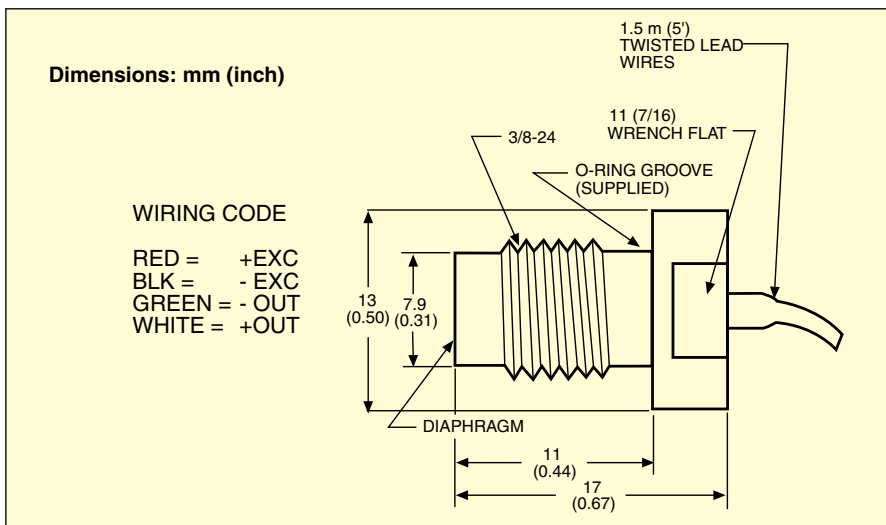


PX600-500GV shown actual size.

- ✓ 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.