

1/4 NPT FEMALE THREAD ALL STAINLESS STEEL PRESSURE TRANSDUCER WITH FULL BRIDGE DESIGN FOR HIGH SENSITIVITY

0-300 to 0-7500 psi
0-20.7 to 0-517 bar

PX906 Series



Standard



PX906-300GV, shown actual size.

- ✓ **Stainless Steel Diaphragm for High Media Compatibility**
- ✓ **Rugged Stainless Steel Case Protects Components in Industrial Environments**
- ✓ **Supplied with 0.9 m (36") Color-Coded, Shielded Leads for Easy Connections and High Noise Immunity**
- ✓ **Uses a Standard 10 Vdc Regulated Power Supply for Maximum Versatility**
- ✓ **Compact Design for Use in Restricted Areas**
- ✓ **1/4 NPT Female Process Thread for Easy Installations on Piping Systems**

Thermal Sensitivity Effect:
±0.02% full scale/°F

Proof Pressure: 150% of range
Burst Pressure: 300% of range

CONSTRUCTION

Body Material: 17-4 PH stainless steel

Diaphragm Material:

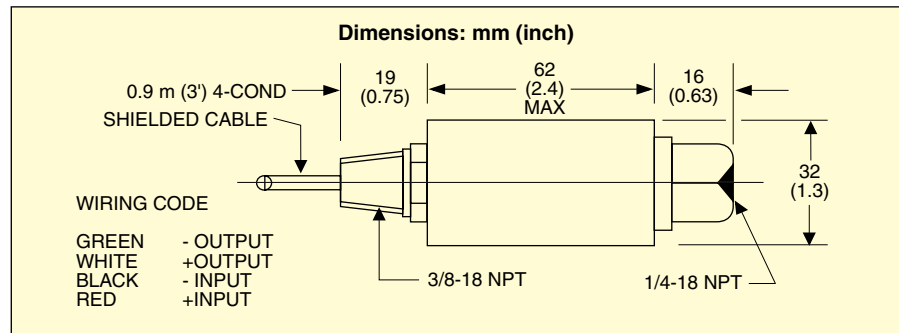
17-4 PH stainless steel

Pressure Port: 1/4-18 NPT female

Electrical Connection: 0.9 m (3') 4-conductor shielded cable 3/8-18 NPT male conduit fitting with 1/8 hex

Weight: 227 g (8 oz)

Metric thread adaptors available, visit us online



SPECIFICATIONS

Excitation: 10 Vdc (15 Vdc max)

Output: 30 mV @ 10 Vdc

Sensitivity: 3 mV/V nominal

Input/Output Resistance:
280 to 550 Ω

Insulation Resistance:
5 MΩ @ 75 Vdc

PERFORMANCE

Accuracy: ±0.3% (includes linearity, hysteresis, repeatability)

Zero Balance: ±3%

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% full scale/°F

To Order

GAGE PRESSURE RANGES		MODEL NO.	COMPATIBLE METERS*
0 to 300 psig	0 to 20.7 bar	PX906-300GV	DP41-S, DP25B-S, DP87
0 to 500 psig	0 to 34.5 bar	PX906-500GV	DP41-S, DP25B-S, DP87
0 to 750 psig	0 to 51.7 bar	PX906-750GV	DP41-S, DP25B-S, DP87
0 to 1000 psig	0 to 68.9 bar	PX906-1KGV	DP41-S, DP25B-S, DP87
0 to 1500 psig	0 to 103 bar	PX906-1.5KGV	DP41-S, DP25B-S, DP87
0 to 2000 psig	0 to 138 bar	PX906-2KGV	DP41-S, DP25B-S, DP87
0 to 3000 psig	0 to 207 bar	PX906-3KGV	DP41-S, DP25B-S, DP87
0 to 5000 psig	0 to 345 bar	PX906-5KGV	DP41-S, DP25B-S, DP87
0 to 7500 psig	0 to 517 bar	PX906-7.5KGV	DP41-S, DP25B-S, DP87

Comes complete with NIST-traceable 5-point calibration.

* Visit us online for compatible meters.

Ordering Example: PX906-2KGV, 2000 psig transducer.