

COMPACT STAINLESS STEEL CURRENT OUTPUT PRESSURE TRANSMITTER

0-15 to 0-3000 psi
0-1 to 0-200 bar

PX410 Series

- ✓ Rugged All Stainless Steel Construction Well Suited for Corrosive Media
- ✓ ½ NPT Conduit Wire Port
- ✓ Reverse Supply Voltage Protection
- ✓ Ideal for Monitoring Remote Applications
- ✓ Shock and Vibration Resistant

SPECIFICATIONS

Excitation: 12 to 40 Vdc [linear derating to 35 Vdc from 25 to 100°C (77 to 212°F)] reverse polarity protected

Output: 4 to 20 mA

Insulation Resistance:
1000 MΩ @ 50 Vdc

Accuracy: 1% BFSL (includes linearity, repeatability and hysteresis)

Zero Balance: 4 mA ±0.4 mA

Operating Temperature Range:
-18 to 100°C (0 to 212°F)

Compensated Temperature Range:
-1 to 54°C (30 to 130°F)

Thermal Zero Effect: <±1% of full scale over compensated temp range

Thermal Span Effect: <±1% of reading over compensated temp range

Proof Pressure:

Range ≤200 psi: 2x rated pressure

Range >200 psi: 1.5x rated pressure

Burst Pressure:

Range ≤200 psi: 10x rated pressure

Range >200 psi: 5x rated pressure

Body/Diaphragm Material: Brazed assembly of 300 Series stainless steel

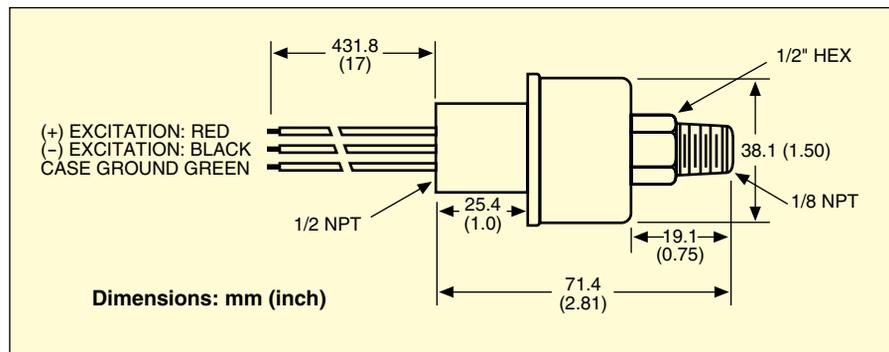
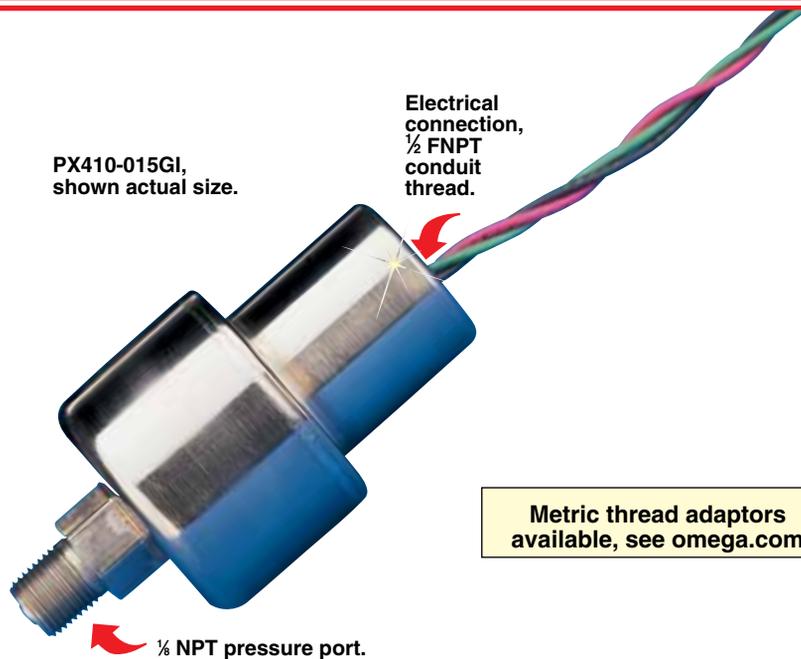
Shock: 50 g, 5 ms

Vibration: 20.7 g rms, 20 to 2000 Hz

Pressure Port: ½ NPT

Electrical Conduit Connection: ½ FNPT

Weight: 170 g (6 oz)



To Order Visit omega.com/px410 for Pricing and Details

RANGE	MODEL NO.	COMPATIBLE METERS**
0 to 15 psig	PX410-015GI	DP25B-E, DP3002-E, DP24-E
0 to 25 psig	PX410-025GI	DP25B-E, DP3002-E, DP24-E
0 to 50 psig	PX410-050GI	DP25B-E, DP3002-E, DP24-E
0 to 100 psis*	PX410-100SI	DP25B-E, DP3002-E, DP24-E
0 to 200 psis*	PX410-200SI	DP25B-E, DP3002-E, DP24-E
0 to 500 psis*	PX410-500SI	DP25B-E, DP3002-E, DP24-E
0 to 1000 psis*	PX410-1KSI	DP25B-E, DP3002-E, DP24-E
0 to 3000 psis*	PX410-3KSI	DP25B-E, DP3002-E, DP24-E

Comes complete with operator's manual.

* Sealed gage: measured with respect to a standard atmosphere (14.7 psia).

** See omega.com for compatible meters.

Ordering Example: PX410-100SI, 100 psi sealed gage transducer.

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