

# COMPACT STAINLESS STEEL CURRENT OUTPUT PRESSURE TRANSMITTER

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

## PX410 Series

**Product Discontinued**

as of October 2018

- ✓ 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% BFS (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

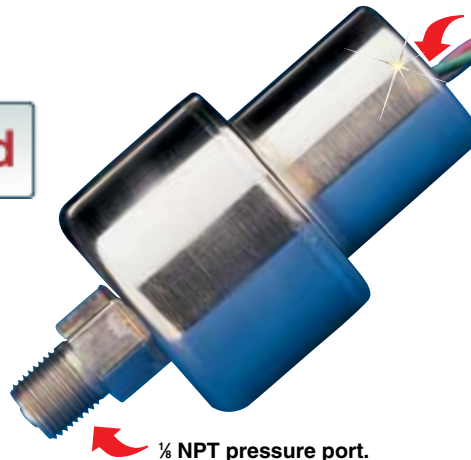
**Pressure Port:** ½ NPT

**Electrical Conduit Connection:** ½ FNPT

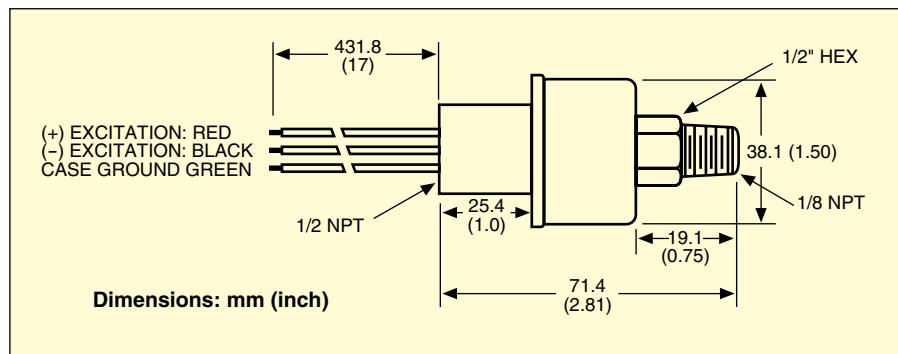
**Weight:** 170 g (6 oz)

PX410-015GI,  
shown actual size.

Electrical  
connection,  
½ FNPT  
conduit  
thread.



Metric thread adaptors  
available, see [omega.com](http://omega.com)



**To Order Visit [omega.com/px410](http://omega.com/px410) for Pricing and Details**

RANGE	MODEL NO.	COMPATIBLE METERS**
0 to 15 psig	0 to 1.0 bar	PX410-015GI
0 to 25 psig	0 to 1.7 bar	DP25B-E, DP3002-E, DP24-E
0 to 50 psig	0 to 3.4 bar	PX410-025GI
0 to 100 psig*	0 to 6.9 bar	DP25B-E, DP3002-E, DP24-E
0 to 200 psig*	0 to 13.8 bar	PX410-050GI
0 to 500 psig*	0 to 34.5 bar	DP25B-E, DP3002-E, DP24-E
0 to 1000 psig*	0 to 68.9 bar	PX410-100SI
0 to 3000 psig*	0 to 207 bar	DP25B-E, DP3002-E, DP24-E
		PX410-200SI
		PX410-500SI
		PX410-1KSI
		PX410-3KSI

Comes complete with operator's manual.

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

\*\* See [omega.com](http://omega.com) for compatible meters.

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