

FLUSH MOUNT CURRENT OUTPUT TYPE PRESSURE TRANSDUCER DESIGNED FOR FLUSH MOUNT ADAPTERS

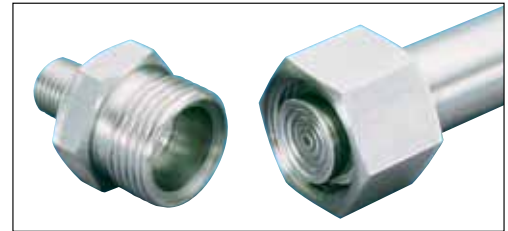
0-6 to 0-20,000 psig
Internal Voltage Regulator

PX440 Series

- ✓ Unregulated 12 to 36 Vdc Excitation
- ✓ Reverse Polarity Protected
- ✓ 316SS on Ranges 50 psi and Under
- ✓ 15-5 pH Stainless Steel on Ranges 100 psi and Over
- ✓ Ranges 100 psi and Over are Sealed (psis)
- ✓ 800 Ω Loop Load Maximum



PX440-005 Shown smaller than actual size.



Shown with AD-1SS Adapter. Visit us online for a full selection of adapters.

SPECIFICATIONS

Excitation: 12 to 36 Vdc reverse polarity protected

Output: 4-20 mA

Accuracy: ±1.0% full scale (B.F.S.L. Linearity, Hysteresis & Repeatability)

Zero Balance: 4 mA ±0.4 mA

Operable Temperature Range: -40 to 180°F (-40 to 82°C)

Compensated Temperature Range: 30 to 130°F (-1 to 55°C)

Thermal Zero Effect: Less than ±2% full scale over compensated range

Thermal Span Effect: Less than ±1% full scale over compensated range

Frequency Response: 300 Hz

Shock: 50 g's peak (11 ms)

Proof Pressure: 2 x full scale or 30,000 psi whichever is less

Burst Pressure: 5 x full scale or 50,000 psi whichever is less

Gages: Semiconductor on Bending Beam

Body/Diaphragm Material:

≤50 psi 316 L SS

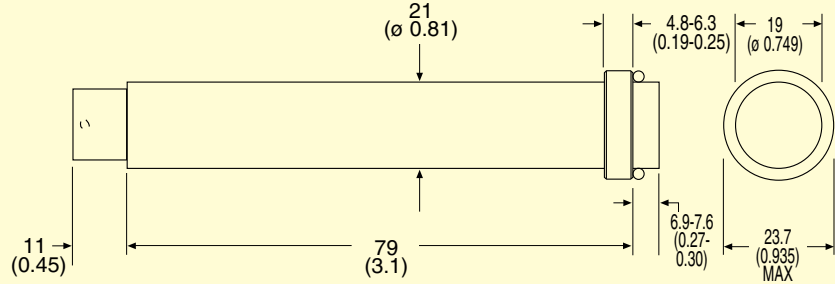
≥100 psi 15-5 PH SS

Weight: 4 oz (114 g)

Optional: Zero Balance/Connector ZB-440

Adjusts Zero ±10% with 20in lead

Dimensions: mm (inch)
∅ = diameter



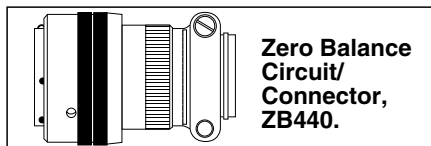
To Order

RANGE	MODEL NO.	COMPATIBLE METERS
0 to 5 psig	PX440-005GI	DP41-E, DP25-E, DP460-E
0 to 15 psig	PX440-015GI	DP41-E, DP25-E, DP460-E
0 to 25 psig	PX440-025GI	DP41-E, DP25-E, DP460-E
0 to 50 psig	PX440-050GI	DP41-E, DP25-E, DP460-E
0 to 100 psis	PX440-100SI	DP41-E, DP25-E, DP460-E
0 to 200 psis	PX440-200SI	DP41-E, DP25-E, DP460-E
0 to 500 psis	PX440-500SI	DP41-E, DP25-E, DP460-E
0 to 1000 psis	PX440-1KSI	DP41-E, DP25-E, DP460-E
0 to 5000 psis	PX440-5KSI	DP41-E, DP25-E, DP460-E
0 to 10000 psis	PX440-10KSI	DP41-E, DP25-E, DP460-E
0 to 20000 psis	PX440-20KSI	DP41-E, DP25-E, DP460-E

Ordering Examples: PX440-100SI, has a range of 0-100 psi sealed gage.

Fitting Adaptors: ¼ NPT, AD1-SS.

Zero Balance Connector: ZB440.



Zero Balance
Circuit/
Connector,
ZB440.