HEAVY-DUTY FLUSH DIAPHRAGM TRANSMITTER
½ NPT THREAD

4 to 20 mA Output
0-50 to 0-750 psi
0-3 to 0-50 bar

1 bar = 14.5 psi
1 kg/cm² = 14.22 psi
1 atmosphere = 14.7 psi = 29.93
inHg = 760.2 mmHg = 1.014 bar

PX43 Series

Stainless Steel Construction
Processing or Industrial Applications
Rugged Flush Diaphragm for Measurement of Difficult Fluids
3 m (10') Cable with Conduit Connection for Installation in Harsh Environments
Heavy-Duty ½ NPT Fitting
4 to 20 mA Output for Noise-Free Transmission

SPECIFICATIONS
Excitation: 10 to 40 Vdc
Output: 4 to 20 mA ±10% adj
Zero Balance: 4 mA +10% -2% adj
Accuracy: 0.5% linearity, hysteresis and repeatability combined
Operating Temp Range: -46 to 121°C (-50 to 250°F)
Compensated Temp Range: 16 to 71°C (60 to 160°F)
Thermal Effects:
Span: ±0.003% of rdg/°F
Zero: ±0.0045% of FSO/°F
Proof Pressure: ±0.005 psi
Burst Pressure: 150% of range

To Order
Visit omega.com/px43-i for Pricing and Details

RANGE MODEL NO. COMPATIBLE METERS
0 to 50 psig 0 to 3.4 bar PX43E0-050GI DP41-E, DP25B-E, DP24-E
0 to 60 psig 0 to 4.1 bar PX43E0-060GI DP41-E, DP25B-E, DP24-E
0 to 100 psig 0 to 6.9 bar PX43E0-100GI DP41-E, DP25B-E, DP24-E
0 to 200 psig 0 to 13.8 bar PX43E0-200GI DP41-E, DP25B-E, DP24-E
0 to 300 psig 0 to 20.7 bar PX43E0-300GI DP41-E, DP25B-E, DP24-E
0 to 500 psig 0 to 34.5 bar PX43E0-500GI DP41-E, DP25B-E, DP24-E
0 to 750 psig 0 to 51.7 bar PX43E0-750GI DP41-E, DP25B-E, DP24-E

Comes complete with 5-point NIST traceable calibration.
Metric ranges available – consult Engineering.

* See omega.com for compatible meters.

Ordering Examples: PX43E0-100GI, 100 psi gage model with stainless steel wetted parts, 3 m (10') cable, 4 to 20 mA output.
PX43E0-050GI, 50 psi gage model with stainless steel wetted parts, 3 m (10') cable, 4 to 20 mA output.