

Interchangeable with
Model TH-LVA-FD

SPEC SHEET
PX43-I

HEAVY DUTY FLUSH DIAPHRAGM TRANSMITTER

\$530

Model Shown

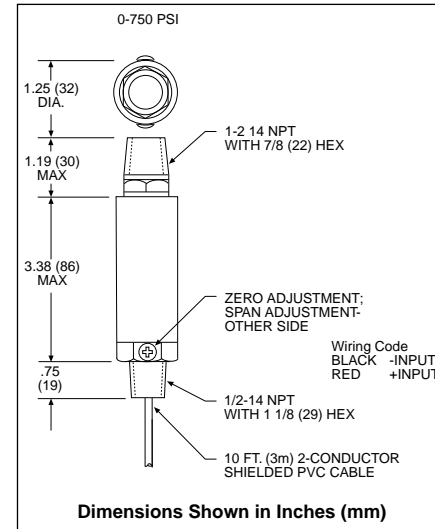
PX43 Series
4-20 mA Output

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 in-Hg = 760.2 mm-Hg = 1.014 bar



Model PX43E0-050GI
Shown Smaller than Actual Size



- ✔ **Stainless Steel Construction**
- ✔ **Processing or Industrial Applications**
- ✔ **Rugged Flush Diaphragm for Measurement of Difficult Fluids**
- ✔ **10 ft Cable with Conduit Connection for Installation in Harsh Environments**
- ✔ **Heavy Duty 1/2" NPT Fitting**
- ✔ **4-20 mA Output for Noise Free Transmission**

The OMEGADYNE™ PX43 Series is a high accuracy, current output, industrial pressure transmitter with a heavy duty flush diaphragm. They are designed for use with food and industrial fluids and slurries that are difficult to measure due to sticking or plugging of orifices. Their hermetically sealed, all stainless steel construction makes them suitable for the harshest industrial environments. Ten feet of two-conductor shielded cable is standard with a second 1/2" NPT fitting on the body for conduit installation. Pressure Ranges from 0-50 up to 300 psi are available to cover most processing and industrial applications.

SPECIFICATIONS:

Electrical:
Excitation: 10 to 40 Vdc
Output: 4-20 mA ±10% adj

Zero Balance: 4 mA +10% -2% adj
Performance:
Accuracy Class: 0.25% Linearity, Hysteresis and Repeatability Combined
Environmental:
Operational 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
Pressure:
Safe Pressure: 150% of rate pressure
Burst Pressure: 300% of rated pressure
Wetted Parts: 17-4PH Stainless Steel w/ 316 Stainless Steel Diaphragm
Pressure Port: 1/2-14 NPT Male
Electrical Connection: 10 ft (3m) 2-conductor shielded PVC cable with 1/2-14 NPT fitting

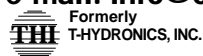
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OMEGADYNE, Inc.
149 Stelzer Court, Sunbury, OH 43074
<http://www.omegadyne.com>
e-mail: info@omegadyne.com



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► **Most Popular Models Highlighted** ◀

Prices Shown in U.S. Dollars

To Order: (Specify Model Number)			
Range (psig)	Model Number	Price	Compatible Meters
0-50	PX43E0-050GI	\$530	INFP, INFCP, IDP
0-60	PX43E0-060GI	530	INFP, INFCP, IDP
0-100	PX43E0-100GI	530	INFP, INFCP, IDP
0-200	PX43E0-200GI	530	INFP, INFCP, IDP
0-300	PX43E0-300GI	530	INFP, INFCP, IDP
0-500	PX43E0-300GI	530	INFP, INFCP, IDP
0-750	PX43E0-300GI	530	INFP, INFCP, IDP

Interchangeable with Model TH-LVA-FD Metric Ranges Available - Consult Engineering
Ordering Examples: 1.) **PX43E0-100GI** is an 100 psi gage model with Stainless Steel wetted parts, 10 ft cable and 4-20 mA output, **\$530**.
2.) **PX43E0-050GI** is a 50 psi gage model with Stainless Steel wetted parts, 10 ft cable and 4-20 mA output, **\$530**.

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