

Interchangeable with
Model TH-LVA-FD1

1" FLUSH DIAPHRAGM LOW PRESSURE TRANSMITTER

\$530
Model Shown

PX42 Series
4-20 mA Output

0-5 to 0-30 psi
0-200 mbar to 0-2 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

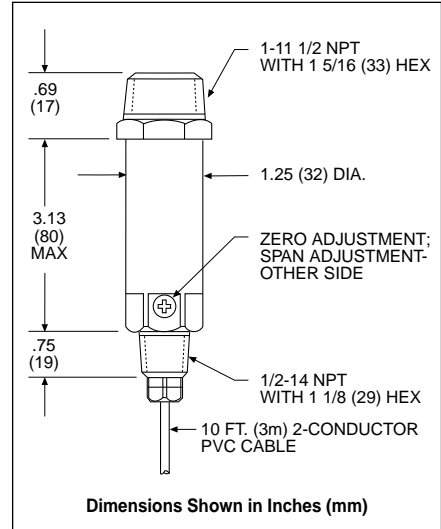
- ☑ **Stainless Steel Construction**
- ☑ **Processing and Industrial Applications**
- ☑ **Large Flush Diaphragm for Plug Free Measurement of Difficult Fluids**
- ☑ **10 ft Cable with Conduit Connection on Body for Installation in Harsh Environments**
- ☑ **Heavy Duty 1" NPT Fitting**
- ☑ **4-20 mA Output to Interface with Most Industrial Controls**



Model PX42G0-005GI

Shown Smaller than Actual Size

The OMEGADYNE™ PX42 Series is a high accuracy, current output, industrial pressure transmitter with a specially designed flush diaphragm for use with industrial fluids and slurries that are difficult to measure due to sticking or plugging of orifices. Its hermetically sealed, all stainless steel construction makes it suitable for the harshest industrial environments. Ten feet of two conductor shielded cable is standard with a 1/2" NPT fitting on the body for conduit installation. Pressure Ranges from 0-5 up to 30 psi are available to cover low pressure processing and industrial applications.



Performance:

Accuracy Class: 0.5% 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:

Ranges (psig): 3, 5, 8, 10, 15, 30

Proof Pressure:

150% of rated pressure

Burst Pressure:

300% of rated pressure

Mechanical:

Wetted Parts: 17-4PH SS w/ 316SS Diaphragm

Pressure Port: 1-11 1/2 NPT Male

Electrical Connection: 10 ft (3m) 2-conductor cable with 1/2-14 NPT fitting

SPECIFICATIONS:

Electrical:

Excitation: 10 to 40 Vdc

Output: 4-20 mA ±10% adj

Zero Balance: 4 mA +10% -2% adj

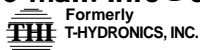
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➔ **Most Popular Models Highlighted** ◀

Prices Shown in U.S. Dollars

To Order: (Specify Model Number)			
Range (psig)	Model Number	Price	Compatible Meters
0-5	PX42G0-005GI	\$530	INFP, INFCP, IDP
0-8	PX42G0-008GI	530	INFP, INFCP, IDP
0-10	PX42G0-010GI	530	INFP, INFCP, IDP
0-15	PX42G0-015GI	530	INFP, INFCP, IDP
0-30	PX42G0-030GI	530	INFP, INFCP, IDP

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Metric Ranges Available - Consult Engineering

Ordering Examples: 1.) **PX42G0-008GI** is an 8 psi gage model with Stainless Steel wetted parts and 4-20 mA output, \$530. 2.) **PX42G0-030GI** is a 30 psi gage model with Stainless Steel wetted parts and 4-20 mA output, \$530.

