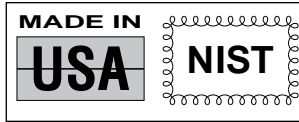




\$550
Model Shown



SPEC SHEET
PX77-DmV

Interchangeable with
Model TH-D1-LD1

LEVEL DETECTOR FOR PRESSURIZED TANKS

with Victaulic Fitting for Tank Depth Measurement

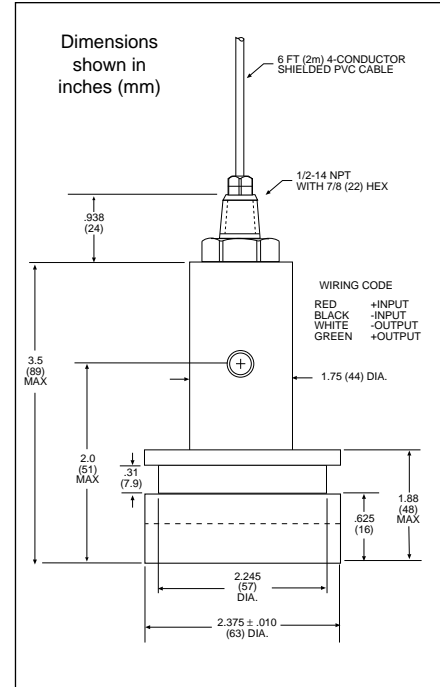
PX77 Series
mV/V Output

0-5 to 0-15 psi
0-350 to 1000 mbar
Differential Pressure

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

- ☑ All Stainless Steel Construction
- ☑ Hermetically Sealed Housing
- ☑ High Accuracy Wet/Wet Differential Pressure

The OMEGADYNE™ PX77 differential pressure transducer is a unique device designed to measure depth of liquid in a pressurized tank. These units are mounted on the bottom of the tank with the side port either vented to the atmosphere on a vented tank, or connected to the top of the tank for a closed or pressurized tank.



SPECIFICATIONS:

Electrical:
Excitation: 10 Vdc/ac (15V max)
Output: 2.5 mV/V
Bridge Resistance: 5000 ohms nominal
Zero Balance: ±2% FSO
Performance:
Accuracy Class: 0.5% Combined Linearity, Hysteresis, and Repeatability
Sensing Element: 4 active arm bridge with Hermetically sealed thick film strain gage
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: 0.0025% of FSO/°F

Pressure:
Ranges (psi): 5, 10, 15
Line Pressure: 100% or rated pressure

Proof Pressure: 150% of rated pressure

Burst Pressure: 300% of rated pressure

Wetted Parts: 316 Stainless Steel

Pressure Port: Victaulic 2" Union

Electrical Connection: 6 ft (1.8m) 2-conductor PVC cable

For Sales and Service
In U.S.A. and Canada

1-800-872-3963
1-800-USA-DYNE

International Customers Dial
(614) 965-9340
24-Hour FAX (614) 965-9438

OMEGADYNESM FAX
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Formerly
THI T-HYDRONICS, INC.

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► **Most Popular Models Highlighted** ◀

Consult Sales for Pricing

| To Order: (Specify Model Number) | | | |
|---|--------------|-------|-------------------|
| Range (psid) | Model Number | Price | Compatible Meters |
| 0-5 | PX77U0-005DG | \$550 | INFP, INFCP, IPD |
| 0-10 | PX77U0-010DG | 550 | INFP, INFCP, IPD |
| 0-15 | PX77U0-015DG | 550 | INFP, INFCP, IPD |

Interchangeable with Model TH-D1-LD1 Metric Ranges Available - Consult Engineering
To order with extra cable add "-xxxFT" and add \$2.00 per foot over 6 ft (1.8m).

Ordering Examples: 1.) **PX77U0-015DG-100FT** is a 15 psi transducer with 100 ft (30.5m) of cable, \$550+ 94 x 2.00 = **\$738**.
2.) **PX77U0-005DG** is a 5 psi transducer with the standard 6 ft (1.8m) cable, **\$550**.

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