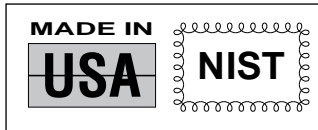




\$425
Model Shown



Interchangeable with
Model TH-FDP

SPEC SHEET
PX61C

MINIATURE PRESSURE TRANSDUCER

1/4 NPT Pressure Connection

PX61C Series mV/V Output

0-50 to 0-5,000 psi

0-3.5 to 0-350 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

- ✓ Miniature Flush Diaphragm
- ✓ Hermetically Sealed in all Stainless Steel
- ✓ Flush Diaphragm for Precise Measurements

SPECIFICATIONS:

Electrical:

Excitation: 5Vdc

Output: Range > 100 psi: 2mV/V

Range ≤ 100 psi: 0.1mV/psi @5Vdc

Bridge Resistance: 350 ohms nominal

Zero Balance: ±1.0% of FSO

Performance:

Accuracy Class: 1.0% Linearity &

Hysteresis Combined

Calibrated at 0%, 50%, 100%, 50%, 0%

Shunt Calibration Data included

Repeatability: 0.1% of FSO

Environmental:

Operating Temperature Range:

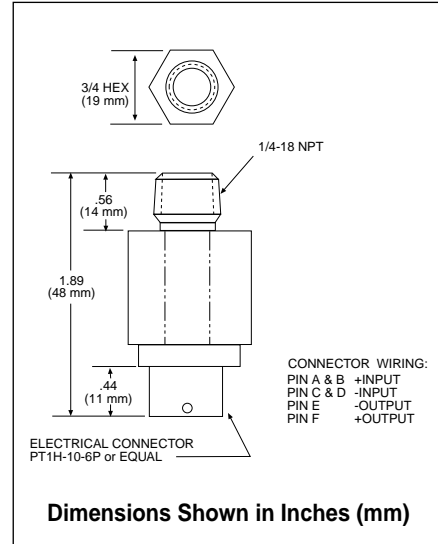
-54 to +150°C (-65 to +300°F)

Compensated Temperature Range:

+16 to +71°C (+60 to +160°F)



Model PX61C1-050GV
Shown Actual Size



Thermal Effects: Span and Zero
Combined: ±0.02% of FSO/°F

Pressure:

Proof Pressure: 150% of capacity

Burst Pressure: 500% of capacity or
10,000 psi whichever is less

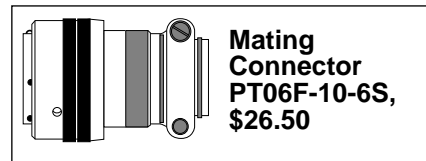
Mechanical:

Electrical Connections: PT1H-10-6P
connector

Mating Connector: PT06F-10-6S
(not included)

Pressure Connection: 1/4-18 NPT

Wetted Parts: 17-4 PH Stainless Steel



Mating
Connector
PT06F-10-6S,
\$26.50

➔ Most Popular Models Highlighted ➔

Prices Shown in U.S. Dollars

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

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Formerly
T-HYDRONICS, INC.

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To Order: (Specify Model Number)			
Range (psi)	Model Number	Price	Compatible Meters
Absolute Pressure (All Ranges Available in Absolute Pressure)			
0-50	PX61C1-050AV	\$425	INFS, INFCS
0-100	PX61C1-100AV	425	INFS, INFCS
Gage Pressure (All Ranges Available in Sealed Gage Pressure)			
0-50	PX61C1-050GV	425	INFS, INFCS
0-100	PX61C1-100GV	425	INFS, INFCS
0-200	PX61C1-200GV	425	INFS, INFCS
0-300	PX61C1-300GV	425	INFS, INFCS
0-500	PX61C1-500GV	425	INFS, INFCS
0-1,000	PX61C1-1KGV	425	INFS, INFCS
0-2,500	PX61C1-2.5KGV	425	INFS, INFCS
0-5,000	PX61C1-5KGV	425	INFS, INFCS

Interchangeable with Model TH-FDP

Metric Ranges Available - Consult Engineering

To order Sealed Gage Pressure models, change the "G" in the part number to "S" No charge.

To order Absolute Pressure models, change the "G" in the part number to "A" No charge.

Ordering Examples: 1.) PX61C1-100AV is a 100 psi Absolute Pressure transducer with

PT1H-10-6P electrical connection and 1/4-18 NPT male pressure port, \$425 ea. Mating

connector (not include) PT06F-10-6S \$26.50 . 2.) PX61C1-100SV is a 100 psi Sealed Gage

Pressure transducer with PT1H-10-6P electrical connection and 1/4-18 NPT male pressure port,

\$425 ea. Mating connector (not included) PT06F-10-6S \$26.50. Printed On Recycled Paper

