

# MINIATURE HIGH TEMPERATURE TRANSDUCER

## 3/4-16 UNF PRESSURE CONNECTION



PX63Q  
**\$485**  
Model Shown

**PX63Q Series**  
mV/V Output  
0-500 to 0-5,000 psi  
0-35 to 0-350 bar

1 bar = 14.5 psi  
1 kg/cm<sup>2</sup> = 14.22 psi  
1 Atmosphere = 14.7 psi = 29.93 in-Hg = 760.2 mm-Hg = 1.014 bar

- ✓ Flush Diaphragm
- ✓ Hermetically Sealed in a Rugged Stainless Steel Case
- ✓ Available in Absolute or Gage Pressures, psi or Metric Ranges

### SPECIFICATIONS:

**Electrical:**

**Excitation:** 10 V ac/dc

**Output:** 3 mV/V ±10% FSO

**Accuracy Class:** 0.5% Linearity, Hysteresis & Repeatability Combined

**Zero Balance:** ±1.0% of FSO

Bridge Resistance: 350 Ω

**Environmental:**

**Operating Temperature Range:**

-73 to +163°C (-100 to +325°F)

**Compensated Temperature Range:**

-54 to +121°C (-65 to +250°F)

**Thermal Effects:**

Zero: ±0.01% of FSO/°F

Span: ±0.02% Reading/°F

**Pressure:**

**Proof Pressure:** 150% of Capacity

**Burst Pressure Minimum:**

300% of Capacity

**Mechanical:**

**Electrical Connections:** PT1H-10-6P



Model PX63Q1-500GV  
Shown Smaller  
Than Actual Size

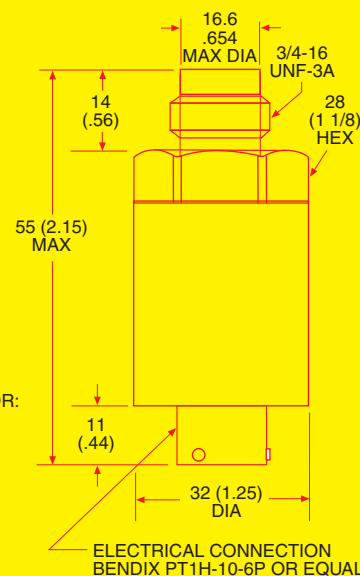


**Mating Connector**  
PT06F-10-6S,  
\$26.50

**ELECTRICAL CONNECTOR:**

- PIN A +OUTPUT
- PIN B -OUTPUT
- PIN C -INPUT
- PIN D +INPUT
- PIN E SHUNT
- PIN F SHUNT

Dimensions in mm (in.)



**Pressure Connection:** 3/4-16 UNF-3A  
**Wetted Parts:** 17-4 PH Stainless Steel

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

### To Order: (Specify Model Number)

RANGE (psig)	MODEL NUMBER	PRICE	COMPATIBLE METERS
0 to 500	PX63Q1-500GV	\$485	DP41-S, DP25-S
0 to 750	PX63Q1-750GV	485	DP41-S, DP25-S
0 to 1,000	PX63Q1-1KGV	485	DP41-S, DP25-S
0 to 2,000	PX63Q1-2KGV	485	DP41-S, DP25-S
0 to 2,500	PX63Q1-2.5KGV	485	DP41-S, DP25-S
0 to 3,000	PX63Q1-3KGV	485	DP41-S, DP25-S
0 to 3,500	PX63Q1-3.5KGV	485	DP41-S, DP25-S
0 to 5,000	PX63Q1-5KGV	485	DP41-S, DP25-S

Metric Ranges Available - Consult Engineering

All Ranges Available in Gage, Sealed Gage or Absolute Pressure; no extra charge.

To order Absolute Pressure models, change the "G" in the part number to an "A".

To order Sealed Gage Pressure models, change the "G" in the part number to an "S".

**Ordering Examples:**

1.) **PX63Q1-500AV** is a 500 psi Absolute Pressure transducer with a PT1H-10-6P electrical connection and a 3/4-16 UNF male pressure port, **\$485**. Mating Connector (not included), **PT06F-10-6S, \$26.50**.

2.) **PX63Q1-2KSV** is a 2,000 psi Sealed Gage Pressure transducer with a PT1H-10-6P electrical connection and a 3/4-16 UNF male pressure port, **\$485**. Mating Connector (not included), **PT06F-10-6S, \$26.50**.



MILLIVOLT OUTPUT  
PRESSURE TRANSDUCERS  
**B**