

# ALL STAINLESS STEEL TRANSDUCER MULTIMEDIA COMPATIBILITY HIGH-PERFORMANCE SILICON TECHNOLOGY

## PX309 Series

0-1 to 0-10,000 psi  
0-0.07 to 0-690 bar  
100 mV, 0 to 5 V,  
and 4 to 20 mA Outputs



- ✓ 1, 2 & 5 psi Low Pressure Ranges!
- ✓ All Stainless Steel Construction
- ✓ Gage or Absolute Pressure
- ✓ Rugged Solid State Design
- ✓ High Stability, Low Drift
- ✓ 0.25% Static Accuracy
- ✓ IP 65 Protection Class

Starts at  
**\$175**

Metric thread  
adaptors available,  
see section C.

**LARGE  
INVENTORY**  
Fast Shipment!

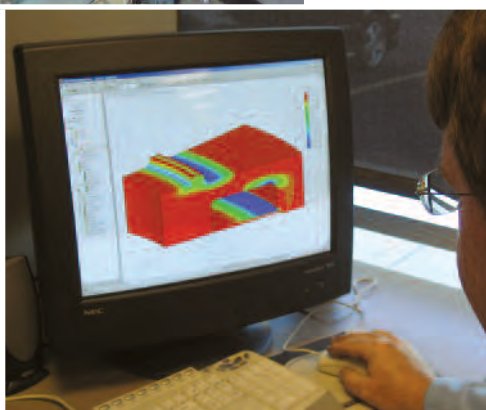


All models shown actual size.



We provide a complete range of services—from product inception, through design and prototypes, to manufacturing and testing. Our application engineers work closely with our customers to **customize, design** or create entirely **new products**. Call us—whether you're an OEM, manufacturer, or end user.

Engineered from  
1 to 10,000 psi.  
Low Pressure Ranges:  
1, 2 & 5 psi.



MILLIVOLT OUTPUT  
PRESSURE TRANSDUCERS  
**B**

# RUGGED, GENERAL PURPOSE TRANSDUCER

## COMMON SPECIFICATIONS

### mV Output Wiring

| Wiring         | Cable | mini DIN | Twist-Lock     |
|----------------|-------|----------|----------------|
| Excitation (+) | Red   | Pin 1    | Pin A          |
| Output (+)     | White | Pin 3    | Pin C          |
| Output (-)     | Green | Pin 4    | Pin D          |
| Excitation (-) | Black | Pin 2    | Pin B          |
| Spare Vent     |       |          | Pin E<br>Pin F |

### 5 Vdc Output Wiring

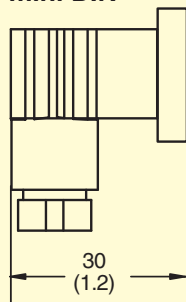
| Wiring         | Cable | mini DIN | Twist-Lock     |
|----------------|-------|----------|----------------|
| Excitation (+) | Red   | Pin 1    | Pin A          |
| Excitation (-) | Black | Pin 2    | Pin B          |
| Output (+)     | White | Pin 3    | Pin C          |
| N/C†           |       | Pin 4    | Pin D          |
| Spare Vent     |       |          | Pin E<br>Pin F |

### mA Output Wiring

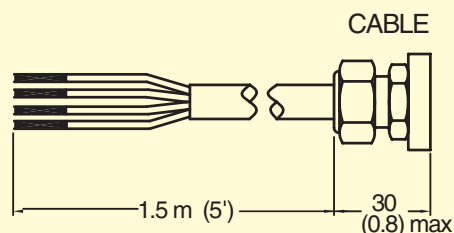
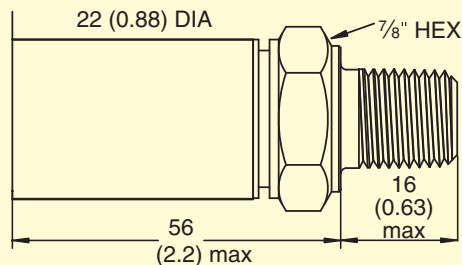
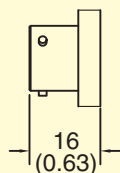
| Wiring     | Cable | mini DIN | Twist-Lock     |
|------------|-------|----------|----------------|
| Supply (+) | Red   | Pin 1    | Pin A          |
| Supply (-) | Black | Pin 2    | Pin B          |
| N/C†       |       | Pin 3    | Pin C          |
| N/C†       |       | Pin 4    | Pin D          |
| Spare Vent |       |          | Pin E<br>Pin F |

† N/C: Do not connect any wires to this pin.

### mini DIN



### Twist-Lock



## COMMON SPECIFICATIONS

PX309 Series models below 100 psi use a high-accuracy silicon sensor protected by an oil-filled stainless steel diaphragm. Units 100 psi and above use silicon strain gages molecularly bonded to the stainless steel diaphragm

### Long-Term Stability (1 Year):

±0.25% typical

**Typical Life:** 10 million cycles typical

**Operating Temperature:** -40 to 85°C (-40 to 185°F)

### Proof Pressure:

**All psia and ≤50 psig Ranges:**

3x capacity or 20 psi, whichever is greater

**100 psig Ranges:** 2x capacity

**Burst Pressure:** 500% of capacity or 25 psi, whichever is greater

**Response Time:** <1 ms

**Shock:** 50 g, 11 ms half-sine

**Vibration:** ±20 g

**Protection Class:** IP 65

### Wetted Parts:

316 SS for all psia and 1 to 50 psig ranges; 17-4 PH stainless steel for ranges 100 to 10,000 psig

**Pressure Port:** ¼-18 MNPT

### Electrical Connections:

**PX309:** 1.5 m (5') 2-, 3-, or 4-conductor cable (mA, 5V, mV outputs, respectively)

**PX319:** mini DIN connector with mating connector included

### Compatible Meters/Controllers for PX309 Series Pressure Transducers

Starting at \$150, the iSeries is available in ½, ¼, and ⅛ DIN programmable process controllers with serial and embedded Internet/Ethernet communications (Order EI Option CNI16D). The iSeries features programmable color displays, free software and ActiveX Controls, selectable full autotune PID control, and NEMA 4 (IP65) rated front bezel. Ordering Examples: DPiS8, strain/process (monitor only), ½ DIN, \$300; CNI8, strain/process controller with 2 control outputs, \$370. See pages D-7 thru D-21 for the complete selection.



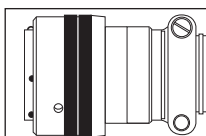
**PX329:** Twist-lock connector, vented mating connector sold separately (PT06V-10-6S)

### Weight:

**PX309:** 154 g (5.4 oz)

**PX319:** 100 g (3.5 oz)

**PX329:** 100 g (3.5 oz)



**PX329 Mating Connector**  
PT06V-10-6S  
\$26.50

Order a snubber to protect your pressure transducer!



PS-4G, \$12.75, shown actual size.

*Snubbers protect sensors from fluid hammers/spikes.*

# HOW TO ORDER PX309 SERIES

## RUGGED, GENERAL PURPOSE TRANSDUCERS

### WITH 100 mV OUTPUTS

**PX309 Series**  
**100 mV Output**  
**0-1 to 0-10,000 psig**  
**0-70 mbar to 0-690 bar**

Starts at  
**\$175**



- ✓ Gage or Absolute Pressure
- ✓ Low Pressure to 1 psig
- ✓ Rugged Solid State Design
- ✓ All Stainless Steel Construction
- ✓ High Stability, Low Drift
- ✓ 0.25% Accuracy

#### 100 mV Output Specifications

Excitation:

**0 to 50 psig and All psia Ranges:**  
 10 Vdc (ratiometric), (5 to 12 Vdc limits)

**100 to 10,000 psig Ranges:**  
 5 Vdc (ratiometric), (3 to 10 Vdc limits)

**Output:** 0 to 100 mV, except  
 2 psi = 40 mV and 1 psi = 20 mV

**Accuracy:**  $\pm 0.25\%$  FS BSL at 25°C;  
 includes linearity, hysteresis and repeatability

**Zero Offset:**  $\pm 2\%$  FSO;  
 $\pm 4\%$  for 1 and 2 psi ranges

**Span Setting:**  $\pm 2\%$  FSO;  
 $\pm 4\%$  for 1 and 2 psi ranges

**Compensated Temperature:** 0 to 50°C  
 (32 to 122°F)

**Thermal Zero and Span Effects**

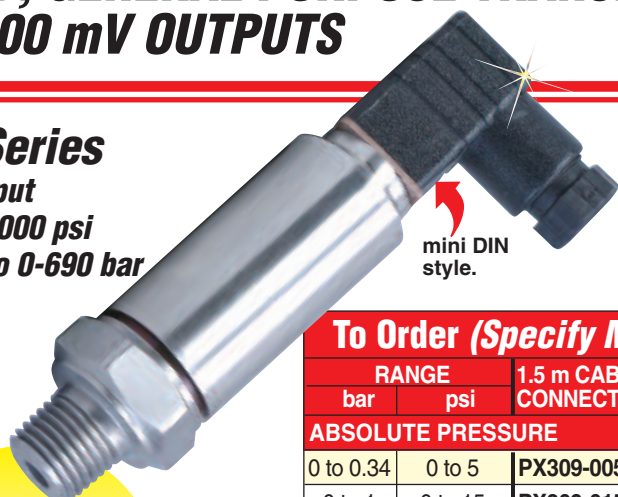
**(Over Compensated Range):**

**15 to 10,000 psi Ranges:**  $\pm 2\%$  FSO

**5 psi Range:**  $\pm 3\%$  FSO

**2 psi Range:**  $\pm 4\%$  FSO

**1 psi Range:**  $\pm 5\%$  FSO



mini DIN style.

PX319-050GV, \$175,  
 mini DIN connector  
 included, shown smaller  
 than actual size.

Metric thread  
 adaptors available,  
 see section C.

**LOW-PRESSURE RANGES HIGHLIGHTED**

#### To Order (Specify Model Number)

| RANGE                    |             | 1.5 m CABLE CONNECTION |       | MINI DIN CONNECTION |       | TWIST-LOCK CONNECTION |       |
|--------------------------|-------------|------------------------|-------|---------------------|-------|-----------------------|-------|
| bar                      | psi         |                        | PRICE |                     | PRICE |                       | PRICE |
| <b>ABSOLUTE PRESSURE</b> |             |                        |       |                     |       |                       |       |
| 0 to 0.34                | 0 to 5      | PX309-005AV            | \$300 | PX319-005AV         | \$300 | PX329-005AV           | \$300 |
| 0 to 1                   | 0 to 15     | PX309-015AV            | 195   | PX319-015AV         | 215   | PX329-015AV           | 235   |
| 0 to 2.1                 | 0 to 30     | PX309-030AV            | 195   | PX319-030AV         | 215   | PX329-030AV           | 235   |
| 0 to 3.4                 | 0 to 50     | PX309-050AV            | 195   | PX319-050AV         | 215   | PX329-050AV           | 235   |
| 0 to 6.9                 | 0 to 100    | PX309-100AV            | 195   | PX319-100AV         | 215   | PX329-100AV           | 235   |
| 0 to 14                  | 0 to 200    | PX309-200AV            | 195   | PX319-200AV         | 215   | PX329-200AV           | 235   |
| 0 to 21                  | 0 to 300    | PX309-300AV            | 195   | PX319-300AV         | 215   | PX329-300AV           | 235   |
| <b>GAGE PRESSURE</b>     |             |                        |       |                     |       |                       |       |
| 0 to 0.07                | 0 to 1      | PX309-001GV            | \$300 | PX319-001GV         | \$300 | PX329-001GV           | \$300 |
| 0 to 0.14                | 0 to 2      | PX309-002GV            | 300   | PX319-002GV         | 300   | PX329-002GV           | 300   |
| 0 to 0.34                | 0 to 5      | PX309-005GV            | 300   | PX319-005GV         | 300   | PX329-005GV           | 300   |
| 0 to 1                   | 0 to 15     | PX309-015GV            | 175   | PX319-015GV         | 175   | PX329-015GV           | 215   |
| 0 to 2.1                 | 0 to 30     | PX309-030GV            | 175   | PX319-030GV         | 175   | PX329-030GV           | 215   |
| 0 to 3.4                 | 0 to 50     | PX309-050GV            | 175   | PX319-050GV         | 175   | PX329-050GV           | 215   |
| 0 to 6.9                 | 0 to 100    | PX309-100GV            | 175   | PX319-100GV         | 175   | PX329-100GV           | 215   |
| 0 to 10                  | 0 to 150    | PX309-150GV            | 175   | PX319-150GV         | 175   | PX329-150GV           | 215   |
| 0 to 14                  | 0 to 200    | PX309-200GV            | 175   | PX319-200GV         | 175   | PX329-200GV           | 215   |
| 0 to 21                  | 0 to 300    | PX309-300GV            | 175   | PX319-300GV         | 175   | PX329-300GV           | 215   |
| 0 to 34                  | 0 to 500    | PX309-500GV            | 175   | PX319-500GV         | 175   | PX329-500GV           | 215   |
| 0 to 69                  | 0 to 1000   | PX309-1KGV             | 175   | PX319-1KGV          | 175   | PX329-1KGV            | 215   |
| 0 to 138                 | 0 to 2000   | PX309-2KGV             | 175   | PX319-2KGV          | 175   | PX329-2KGV            | 215   |
| 0 to 207                 | 0 to 3000   | PX309-3KGV             | 175   | PX319-3KGV          | 175   | PX329-3KGV            | 215   |
| 0 to 345                 | 0 to 5000   | PX309-5KGV             | 175   | PX319-5KGV          | 175   | PX329-5KGV            | 215   |
| 0 to 517                 | 0 to 7500   | PX309-7.5KGV           | 175   | PX319-7.5KGV        | 175   | PX329-7.5KGV          | 215   |
| 0 to 690                 | 0 to 10,000 | PX309-10KGV            | 175   | PX319-10KGV         | 175   | PX329-10KGV           | 215   |

Comes complete with 5-point NIST-traceable calibration.

**Notes:** 1. Units 100 psig and above may be subjected to vacuum on the pressure port without damage. 2. For alternative performance specifications to suit your application, contact Engineering.

**Ordering Examples:** PX309-100GV, 100 psi gage pressure transducer with 100 mV output at 5 Vdc excitation and 1.5 m cable termination, \$175. PX319-015AV, 15 psi absolute pressure transducer with 100 mV output @ 10 Vdc excitation and mini DIN termination, \$215.

PX329-3KGV, 3000 psi gage pressure transducer with 100 mV output @ 5 Vdc excitation and twist-lock termination, \$215. Mating connector sold separately, order PT06V-10-6S, \$26.50. Consult Sales for OEM pricing.

#### ACCESSORIES

| MODEL NO.     | PRICE    | DESCRIPTION                                                             |
|---------------|----------|-------------------------------------------------------------------------|
| CAL-3         | \$150.00 | Recalibration: 5-point NIST traceable                                   |
| PT06V-10-6S   | 26.50    | Mating connector for PX329                                              |
| CA-39-4PC22-5 | 90.00    | 4-conductor mating twist-lock connector with 1.5 m (5') cable for PX329 |
| CX5302        | 15.00    | Extra mini DIN connector for PX319                                      |



# HOW TO ORDER PX309 SERIES

## RUGGED, GENERAL PURPOSE TRANSDUCERS

### WITH 0 TO 5 Vdc OUTPUT

#### PX309 Series

0 to 5 Vdc Output

0-1 to 0-10,000 psi

0-70 mbar to 0-690 bar

Starts at  
**\$225**



- ✓ Gage or Absolute Pressure
- ✓ Low Pressure to 1 psig
- ✓ Rugged Solid State Design
- ✓ All Stainless Steel Construction
- ✓ High Stability, Low Drift
- ✓ 0.25% Static Accuracy

#### 5 V Output Specifications

**Excitation:** 9 to 30 Vdc  
(reverse polarity and overvoltage protected)

**Output:** 0 to 5 Vdc

**Static Accuracy 5 to 10,000 psi:**  
±0.25% FS BSL at 25°C; includes linearity, hysteresis and repeatability

**Zero Offset:** ±2% FSO;  
±4% for 1 and 2 psi ranges

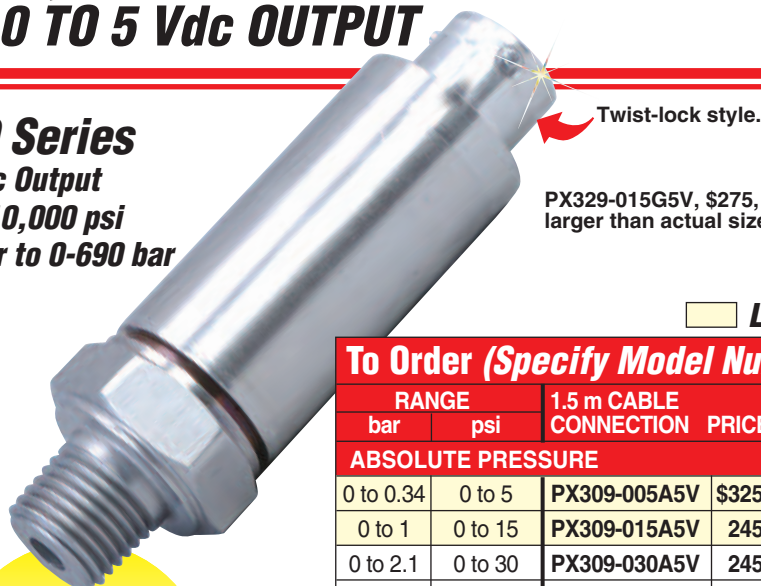
**Span Setting:** ±2% FSO; ±4% for 1 and 2 psi ranges

**Compensated Temperature:**

>5 psi Range: -20 to 85°C (-4 to 185°F)

≤5 psi Range: 0 to 50°C (32 to 122°F)

**Total Error Band:** ±2% FSO; includes linearity, hysteresis, repeatability, thermal hysteresis and thermal errors (except 2 psi = ±3% and 1 psi = ±4.5%)



Twist-lock style.

PX329-015G5V, \$275, shown larger than actual size.

Metric thread adaptors available, see section C.

LOW-PRESSURE RANGES HIGHLIGHTED

#### To Order (Specify Model Number)

| RANGE                    |             | 1.5 m CABLE CONNECTION |       | MINI DIN CONNECTION |       | TWIST-LOCK CONNECTION |       |
|--------------------------|-------------|------------------------|-------|---------------------|-------|-----------------------|-------|
| bar                      | psi         |                        | PRICE |                     | PRICE |                       | PRICE |
| <b>ABSOLUTE PRESSURE</b> |             |                        |       |                     |       |                       |       |
| 0 to 0.34                | 0 to 5      | PX309-005A5V           | \$325 | PX319-005A5V        | \$325 | PX329-005A5V          | \$350 |
| 0 to 1                   | 0 to 15     | PX309-015A5V           | 245   | PX319-015A5V        | 245   | PX329-015A5V          | 295   |
| 0 to 2.1                 | 0 to 30     | PX309-030A5V           | 245   | PX319-030A5V        | 245   | PX329-030A5V          | 295   |
| 0 to 3.4                 | 0 to 50     | PX309-050A5V           | 245   | PX319-050A5V        | 245   | PX329-050A5V          | 295   |
| 0 to 6.9                 | 0 to 100    | PX309-100A5V           | 245   | PX319-100A5V        | 245   | PX329-100A5V          | 295   |
| 0 to 14                  | 0 to 200    | PX309-200A5V           | 245   | PX319-200A5V        | 245   | PX329-200A5V          | 295   |
| 0 to 21                  | 0 to 300    | PX309-300A5V           | 245   | PX319-300A5V        | 245   | PX329-300A5V          | 295   |
| <b>GAGE PRESSURE</b>     |             |                        |       |                     |       |                       |       |
| 0 to 0.07                | 0 to 1      | PX309-001G5V           | \$345 | PX319-001G5V        | \$345 | PX329-001G5V          | \$370 |
| 0 to 0.14                | 0 to 2      | PX309-002G5V           | 325   | PX319-002G5V        | 325   | PX329-002G5V          | 350   |
| 0 to 0.34                | 0 to 5      | PX309-005G5V           | 300   | PX319-005G5V        | 300   | PX329-005G5V          | 325   |
| 0 to 1                   | 0 to 15     | PX309-015G5V           | 225   | PX319-015G5V        | 225   | PX329-015G5V          | 275   |
| 0 to 2.1                 | 0 to 30     | PX309-030G5V           | 225   | PX319-030G5V        | 225   | PX329-030G5V          | 275   |
| 0 to 3.4                 | 0 to 50     | PX309-050G5V           | 225   | PX319-050G5V        | 225   | PX329-050G5V          | 275   |
| 0 to 6.9                 | 0 to 100    | PX309-100G5V           | 225   | PX319-100G5V        | 225   | PX329-100G5V          | 275   |
| 0 to 10                  | 0 to 150    | PX309-150G5V           | 225   | PX319-150G5V        | 225   | PX329-150G5V          | 275   |
| 0 to 14                  | 0 to 200    | PX309-200G5V           | 225   | PX319-200G5V        | 225   | PX329-200G5V          | 275   |
| 0 to 21                  | 0 to 300    | PX309-300G5V           | 225   | PX319-300G5V        | 225   | PX329-300G5V          | 275   |
| 0 to 34                  | 0 to 500    | PX309-500G5V           | 225   | PX319-500G5V        | 225   | PX329-500G5V          | 275   |
| 0 to 69                  | 0 to 1000   | PX309-1KG5V            | 225   | PX319-1KG5V         | 225   | PX329-1KG5V           | 275   |
| 0 to 138                 | 0 to 2000   | PX309-2KG5V            | 225   | PX319-2KG5V         | 225   | PX329-2KG5V           | 275   |
| 0 to 207                 | 0 to 3000   | PX309-3KG5V            | 225   | PX319-3KG5V         | 225   | PX329-3KG5V           | 275   |
| 0 to 345                 | 0 to 5000   | PX309-5KG5V            | 225   | PX319-5KG5V         | 225   | PX329-5KG5V           | 275   |
| 0 to 517                 | 0 to 7500   | PX309-7.5KG5V          | 225   | PX319-7.5KG5V       | 225   | PX329-7.5KG5V         | 275   |
| 0 to 690                 | 0 to 10,000 | PX309-10KG5V           | 225   | PX319-10KG5V        | 225   | PX329-10KG5V          | 275   |

Comes complete with 5-point NIST-traceable calibration.

**Notes:** 1. Units 100 psig and above may be subjected to vacuum on the pressure port without damage.  
2. For alternative performance specifications to suit your application, contact Engineering.

**Ordering Examples:** PX309-100G5V, 100 psi gage pressure transducer with 0 to 5 Vdc output and 1.5 m cable termination, \$225.

PX319-015A5V, 15 psi absolute pressure transducer with 0 to 5 Vdc output and mini DIN termination, \$245.

PX329-3KG5V, 3000 psi gage pressure transducer with 0 to 5 Vdc output and twist-lock termination, \$275. Mating connector sold separately; order PT06V-10-6S, \$26.50. Consult Sales for OEM pricing.

#### ACCESSORIES

| MODEL NO.     | PRICE    | DESCRIPTION                                                             |
|---------------|----------|-------------------------------------------------------------------------|
| CAL-3         | \$150.00 | Recalibration: 5-point NIST traceable                                   |
| PT06V-10-6S   | 26.50    | Mating connector for PX329                                              |
| CA-39-4PC22-5 | 90.00    | 4-conductor mating twist-lock connector with 1.5 m (5') cable for PX329 |
| CX5302        | 15.00    | Extra mini DIN connector for PX319                                      |

# HOW TO ORDER PX309 SERIES

## RUGGED GENERAL PURPOSE TRANSDUCERS

### WITH 4 TO 20 mA OUTPUT

**PX309 Series**  
**4 to 20 mA Output**  
**0-1 to 0-10,000 psi**  
**0-70 mbar to 0-690 bar**



PX309-030GI,  
 \$225, shown larger  
 than actual size.

Metric thread  
 adaptors available,  
 see section C.

**LOW-PRESSURE RANGES HIGHLIGHTED**

#### To Order (Specify Model Number)

| RANGE                    |             | 1.5 m CABLE CONNECTION PRICE |       | MINI DIN CONNECTION PRICE |       | TWIST-LOCK CONNECTION PRICE |       |
|--------------------------|-------------|------------------------------|-------|---------------------------|-------|-----------------------------|-------|
| bar                      | psi         |                              |       |                           |       |                             |       |
| <b>ABSOLUTE PRESSURE</b> |             |                              |       |                           |       |                             |       |
| 0 to 0.34                | 0 to 5      | PX309-005AI                  | \$325 | PX319-005AI               | \$325 | PX329-005AI                 | \$350 |
| 0 to 1                   | 0 to 15     | PX309-015AI                  | 245   | PX319-015AI               | 245   | PX329-015AI                 | 295   |
| 0 to 2.1                 | 0 to 30     | PX309-030AI                  | 245   | PX319-030AI               | 245   | PX329-030AI                 | 295   |
| 0 to 3.4                 | 0 to 50     | PX309-050AI                  | 245   | PX319-050AI               | 245   | PX329-050AI                 | 295   |
| 0 to 6.9                 | 0 to 100    | PX309-100AI                  | 245   | PX319-100AI               | 245   | PX329-100AI                 | 295   |
| 0 to 14                  | 0 to 200    | PX309-200AI                  | 245   | PX319-200AI               | 245   | PX329-200AI                 | 295   |
| 0 to 21                  | 0 to 300    | PX309-300AI                  | 245   | PX319-300AI               | 245   | PX329-300AI                 | 295   |
| <b>GAGE PRESSURE</b>     |             |                              |       |                           |       |                             |       |
| 0 to 0.07                | 0 to 1      | PX309-001GI                  | \$345 | PX319-001GI               | \$345 | PX329-001GI                 | \$370 |
| 0 to 0.14                | 0 to 2      | PX309-002GI                  | 325   | PX319-002GI               | 325   | PX329-002GI                 | 350   |
| 0 to 0.34                | 0 to 5      | PX309-005GI                  | 300   | PX319-005GI               | 300   | PX329-005GI                 | 300   |
| 0 to 1                   | 0 to 15     | PX309-015GI                  | 225   | PX319-015GI               | 225   | PX329-015GI                 | 275   |
| 0 to 2.1                 | 0 to 30     | PX309-030GI                  | 225   | PX319-030GI               | 225   | PX329-030GI                 | 275   |
| 0 to 3.4                 | 0 to 50     | PX309-050GI                  | 225   | PX319-050GI               | 225   | PX329-050GI                 | 275   |
| 0 to 6.9                 | 0 to 100    | PX309-100GI                  | 225   | PX319-100GI               | 225   | PX329-100GI                 | 275   |
| 0 to 10                  | 0 to 150    | PX309-150GI                  | 225   | PX319-150GI               | 225   | PX329-150GI                 | 275   |
| 0 to 14                  | 0 to 200    | PX309-200GI                  | 225   | PX319-200GI               | 225   | PX329-200GI                 | 275   |
| 0 to 21                  | 0 to 300    | PX309-300GI                  | 225   | PX319-300GI               | 225   | PX329-300GI                 | 275   |
| 0 to 34                  | 0 to 500    | PX309-500GI                  | 225   | PX319-500GI               | 225   | PX329-500GI                 | 275   |
| 0 to 69                  | 0 to 1000   | PX309-1KGI                   | 225   | PX319-1KGI                | 225   | PX329-1KGI                  | 275   |
| 0 to 138                 | 0 to 2000   | PX309-2KGI                   | 225   | PX319-2KGI                | 225   | PX329-2KGI                  | 275   |
| 0 to 207                 | 0 to 3000   | PX309-3KGI                   | 225   | PX319-3KGI                | 225   | PX329-3KGI                  | 275   |
| 0 to 345                 | 0 to 5000   | PX309-5KGI                   | 225   | PX319-5KGI                | 225   | PX329-5KGI                  | 275   |
| 0 to 517                 | 0 to 7500   | PX309-7.5KGI                 | 225   | PX319-7.5KGI              | 225   | PX329-7.5KGI                | 275   |
| 0 to 690                 | 0 to 10,000 | PX309-10KGI                  | 225   | PX319-10KGI               | 225   | PX329-10KGI                 | 275   |

Starts at  
**\$225**



- ✓ Gage or Absolute Pressure
- ✓ Low Pressure to 1 psig
- ✓ Rugged Solid State Design
- ✓ All Stainless Steel Construction
- ✓ High Stability, Low Drift
- ✓ 0.25% Static Accuracy

#### 4 to 20 mA Output Specifications

**Excitation:** 9 to 30 Vdc  
 (reverse polarity and overvoltage protected)

**Output:** 4 to 20 mA

**Static Accuracy 5 to 10,000 psi:**  
 ±0.25% FS BSL at 25°C; includes linearity, hysteresis and repeatability

**Zero Offset:** ±2% FSO;  
 ±4% for 1 and 2 psi ranges

**Span Setting:** ±2% FSO;  
 ±4% for 1 and 2 psi ranges

**Compensated Temperature:**

>5 psi Range: -20 to 85°C  
 (-4 to 185°F)

≤5 psi Range: 0 to 50°C  
 (32 to 122°F)

**Total Error Band:** ±2% FSO; includes linearity, hysteresis, repeatability, thermal hysteresis and thermal errors (except 2 psi = ±3% and 1 psi = ±4.5%)

Comes complete with 5-point NIST-traceable calibration.

**Notes:** 1. Units 100 psig and above may be subjected to vacuum on the pressure port without damage. 2. For alternative performance specifications to suit your application, contact Engineering.

**Ordering Examples:** PX309-100GI, 100 psi gage pressure transducer with 4 to 20 mA output and 1.5 m cable termination, \$225. PX319-015AI, 15 psi absolute pressure transducer with 4 to 20 mA output and mini DIN termination, \$300. PX329-3KGI, 3000 psi gage pressure transducer with 4 to 20 mA output and twist-lock termination, \$275. Mating connector sold separately; order PT06V-10-6S, \$26.50. Consult Sales for OEM pricing.

#### ACCESSORIES

| MODEL NO.     | PRICE    | DESCRIPTION                                                             |
|---------------|----------|-------------------------------------------------------------------------|
| CAL-3         | \$150.00 | Recalibration: 5-point NIST traceable                                   |
| PT06V-10-6S   | 26.50    | Mating connector for PX329                                              |
| CA-39-4PC22-5 | 90.00    | 4-conductor mating twist-lock connector with 1.5 m (5') cable for PX329 |
| CX5302        | 15.00    | Extra mini DIN connector for PX319                                      |

