

HIGH ACCURACY PRESSURE TRANSDUCERS



PX409 Series

Starts at
\$475

- ✓ 0.08% BSL Includes Linearity Hysteresis and Repeatability
- ✓ Broad Temperature Compensation Range -29 to 85°C (-20 to 185°F)
- ✓ 5-Point NIST Traceable Calibration Included
- ✓ Outputs:
 - mV/V
 - 0 to 5 V or 0 to 10 V
 - 4 to 20 mA
- ✓ 10 in-H₂O to 5000 psi Ranges

PX409-100GV,
\$475, shown
actual size.

PX419-015GV,
\$475, shown
actual size.

PX429-030GV, \$475,
shown actual size.

RUGGEDIZED DESIGN
For Aerospace,
Automotive, Test and
Industrial Applications

Coming Soon!
Differential
Pressure Models

**Most Popular
Models in Stock for
Fast Delivery**



SOLID STATE PIEZORESISTIVE DESIGN WITH HIGH TEMP. PERFORMANCE FOR INDUSTRY, AUTOMOTIVE, TEST, AND AEROSPACE APPLICATIONS

PX409 Series

mV/V, 0 to 5 Vdc, 0 to 10 Vdc, 4 to 20 mA Outputs
Low Pressure: 10 in-H₂O and
Standard Ranges: 5 to 5000 psi
Metric Ranges: 25 mbar to 345 bars
Gage or Absolute Pressure

Starts at
\$475
mV/V models



- ✓ **High Accuracy $\pm 0.08\%$ BSL**
Includes Linearity, Hysteresis, and Repeatability
- ✓ **Broad Temperature Compensated Range**
-29 to 85°C (-20 to 185°F)
- ✓ **Premium Temperature Performance**
Span: $\pm 0.5\%$ over Compensated Range
- ✓ **5-Point NIST Traceable Calibration**
Included
- ✓ **Low Pressure Ranges from 10 in-H₂O**
- ✓ **All Stainless Steel Wetted Parts**
- ✓ **Fast Response Time**
- ✓ **Solid State Reliability and Stability**
- ✓ **Gage and Absolute Pressures**
- ✓ **300% Proof Pressure Minimum**

Omega piezoresistive pressure transducers have a proven record in high performance commercial and aerospace applications for over 25 years. The piezoresistive process uses strain gages molecularly embedded into a highly stable silicon wafer. The silicon wafer is diced into individual die which each contain a full strain gage bridge. The die is mounted in a sealed chamber protected from the environment by glass to metal seals and a stainless steel diaphragm.

A small volume of silicone oil transfers the pressure from the diaphragm to the strain bridge. The construction provides a very rugged transducer with exceptional accuracy, stability and thermal effects. A unique design ruggedizes the transducers by providing secondary fluid containment in the event of a diaphragm rupture.

At our state-of-the-art facilities, automated test equipment performs pressure and temperature cycling on 100% of the PX409 transducers. The transducers are then calibrated using extremely high accuracy equipment and a 5-point NIST traceable calibration

All models shown actual size.

PX409-050GV, \$475, features cable termination.

0.08% Accuracy

PX419-100GI, \$545, features mini-DIN termination.

PX429-015GI, \$545, features twist-lock termination.

Stock Delivery for most Ranges!
Visit omega.com

PX409 SERIES SILICON WAFER TECHNOLOGY

PX409 Series uses a highly stable silicon wafer which is micro-machined to precision tolerances and then has strain gages molecularly embedded into it.



Strain gages shown larger than actual size.

Strain gage shown magnified 500%



certificate is included with each transducer. The inherent stability of the piezoresistive core provides excellent long term stability, repeatability and very low thermal effects at the price of much lower performance transducers. Standard features of the PX409 Series also include protective features built into the electronics and the pressure element. Reverse polarity, EMC, and power supply fluctuation protection are standard on all models. Intrinsically Safe and CSA ratings are optional.

The most popular ranges and configurations are stocked for immediate delivery. All others typically have very short lead-time.

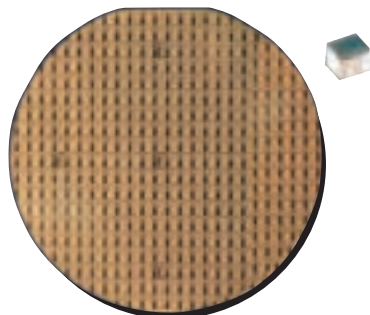
HIGH ACCURACY PRESSURE TRANSDUCERS

PIEZORESISTIVE DESIGN WITH HIGH TEMPERATURE PERFORMANCE



EXCEPTIONAL PERFORMANCE
0.08% STATIC ACCURACY

Micro-Machined Silicon



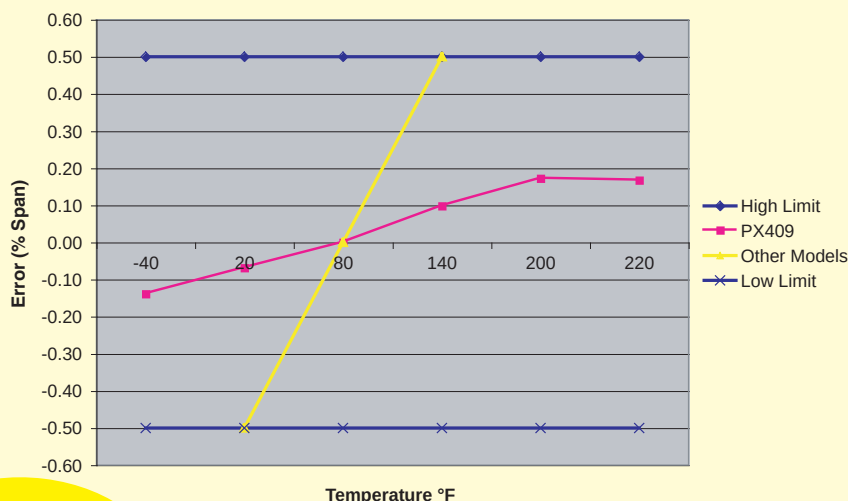
**5-Point NIST Traceable
Calibration Certificate**



RUGGEDIZED DESIGN
For Aerospace,
Automotive, Test and
Industrial Applications

Thermal Effects -29 to 85°C (-20 to 185°F)

Span Error: 100 psig



CUSTOM CONFIGURATIONS AVAILABLE!



Designed to be quickly customized to meet your exacting specifications, often with fast delivery. Custom variables are available including custom fittings, accuracies, ranges, calibrations, pressure units, thermal specifications, vibration, operating temperature and compensated range. Contact OMEGA Pressure Engineering for more details.

Common Specifications Gage and Absolute Pressure

Approvals: RoHS compliant

**Minimum Isolation Between Case
and Output Terminations:**
100M Ω @ 50 Vdc

Pressure Cycles: 1 million, minimum
Long Term Stability (1-Year): $\pm 0.1\%$
FS typical

Shock: 50g, 11 mS half sine shock
(under test)

Vibration: $\pm 20g$ (under test)

Bandwidth: DC to 1 kHz typical

Response Time: <1 mS

CE Compliant:

Emissions: IEC550022 Class B

Electrostatic Discharge Immunity:
IEC1000-4-2

EM Field Immunity: IEC61000-4-3

EFT Immunity: IEC61000-4-4

Surge Immunity: IEC61000-4-5

Conducted RF: IEC61000-4-6

**Rate Power Frequency Magnetic
Field:** IEC61000-4-8

Electrical Termination:

PX409: Integral 2 m (6') cable

PX409C: Integral 2 m (6') cable
with $\frac{1}{2}$ NPT conduit fitting

PX419: mini-DIN

PX429: Twist lock

Environmental Protection:

PX409: IP67

PX409C: IP67

PX419: IP65

PX429: IP65

Overpressure Gage Pressure:

10-in H₂O: 10 times span

1 psi: 6 times span

2.5 psi to 3500 psi: 4 times span

5000 psi: 15,000 psi max

Overpressure Absolute Pressure:

5 psia: 6 times span

2.5 psia to 3500 psia: 4 times span

5000 psia: 15000 psi max

Secondary Containment

Gage/Diff/Vac/Compound:

10 in-H₂O to 5 psi: To 1000 psi

15 to 1000 psi: To 3000 psi

1500 to 5000 psi: To 15,000 psi

Absolute/Barometric:

5 to 1000 psi: To 6000 psia

1500 to 5000 psi: To 15,000 psia

Wetted Parts: 316 SS

Pressure Port: $\frac{1}{8}$ -18 NPT male

Weight: 115 to 200 gm (4 to 7 oz)
depending upon configuration

B-25c

B



mV/V OUTPUT HIGH PERFORMANCE PRESSURE TRANSDUCERS

PIEZORESISTIVE DESIGN WITH HIGH TEMPERATURE PERFORMANCE

PX409 Series
100 mV Output
0-10 in-H₂O to 0-5000 psi
25 mb to 345 bar

Starts at
\$475



PX409-100GV,
\$475, shown
actual size.



PX419-015GV,
\$475, shown
actual size.

Stock Delivery for
most Ranges!
Visit omega.com

MOST POPULAR MODELS HIGHLIGHTED!

To Order (Specify Model Number)

RANGE		2 m (6') CABLE TERMINATION	PRICE	MINI-DIN TERMINATION	PRICE	TWIST-LOCK TERMINATION	PRICE
psi	bar						
mV/V OUTPUT, GAGE PRESSURE RANGES							
10 in-H ₂ O	25 mb	PX409-10WGV	\$525	PX419-10WGV	\$525	PX429-10WGV	\$525
1	69 mb	PX409-001GV	525	PX419-001GV	525	PX429-001GV	525
2.5	172 mb	PX409-2.5GV	525	PX419-2.5GV	525	PX429-2.5GV	525
5	345 mb	PX409-005GV	475	PX419-005GV	475	PX429-005GV	475
15	1.0	PX409-015GV	475	PX419-015GV	475	PX429-015GV	475
30	2.1	PX409-030GV	475	PX419-030GV	475	PX429-030GV	475
50	3.4	PX409-050GV	475	PX419-050GV	475	PX429-050GV	475
100	6.9	PX409-100GV	475	PX419-100GV	475	PX429-100GV	475
150	10.3	PX409-150GV	475	PX419-150GV	475	PX429-150GV	475
250	17.2	PX409-250GV	475	PX419-250GV	475	PX429-250GV	475
500	34.5	PX409-500GV	475	PX419-500GV	475	PX429-500GV	475
750	51.7	PX409-750GV	475	PX419-750GV	475	PX429-750GV	475
1000	69	PX409-1.0KGV	475	PX419-1.0KGV	475	PX429-1.0KGV	475
1500	103	PX409-1.5KGV	475	PX419-1.5KGV	475	PX429-1.5KGV	475
2500	172	PX409-2.5KGV	475	PX419-2.5KGV	475	PX429-2.5KGV	475
3500	241	PX409-3.5KGV	475	PX419-3.5KGV	475	PX429-3.5KGV	475
5000	345	PX409-5.0KGV	475	PX419-5.0KGV	475	PX429-5.0KGV	475
mV OUTPUT, ABSOLUTE PRESSURE RANGES							
5	345 mb	PX409-005AV	\$520	PX419-005AV	\$520	PX429-005AV	\$520
15	1.0	PX409-015AV	520	PX419-015AV	520	PX429-015AV	520
30	2.1	PX409-030AV	520	PX419-030AV	520	PX429-030AV	520
50	3.4	PX409-050AV	520	PX419-050AV	520	PX429-050AV	520
100	6.9	PX409-100AV	520	PX419-100AV	520	PX429-100AV	520
150	10.3	PX409-150AV	520	PX419-150AV	520	PX429-150AV	520
250	17.2	PX409-250AV	520	PX419-250AV	520	PX429-250AV	520
500	34.5	PX409-500AV	520	PX419-500AV	520	PX429-500AV	520
750	51.7	PX409-750AV	520	PX419-750AV	520	PX429-750AV	520
1000	69	PX409-1.0KAV	520	PX419-1.0KAV	520	PX429-1.0KAV	520

mV/V Specifications

Output: mV/V, 100 mV @ 10 Vdc
(Ratiometric 5 to 10 Vdc)

Supply Voltage: 10 Vdc

Input/Output Resistance: 5000 Ω
 $\pm 20\%$ typical

**Accuracy (Combined Linearity,
Hysteresis and Repeatability):**
 $\pm 0.08\%$ BSL max

Zero Balance: $\pm 0.5\%$ FS typical
1% max (1% typical, 2% max
for 1 psi and below)

Span Setting: $\pm 0.5\%$ FS typical 1% max
(1% typical, 2% max for 1 psi and below)
Calibrated in vertical direction with
fitting down

Operating Temperature Range:
-45 to 121°C (-49 to 250°F)

Compensated Temperature:

Ranges >5 psi: -29 to 85°C
(-20 to 185°F)

Ranges ≤ 5 psi: -17 to 85°C
(0 to 185°F)

**Thermal Effects Zero
(Over Compensated Range):**

Ranges >5 psi: $\pm 0.5\%$ span

Ranges ≤ 5 psi: $\pm 1.0\%$ span

**Thermal Effects Span
(Over Compensated Range):**

Ranges >5 psi: $\pm 0.5\%$ span

Ranges ≤ 5 psi: $\pm 1.0\%$ span

Ordering Examples: PX409-1.0KGV, mV output, 1000 psi gage pressure range, 2m (6') cable termination, \$475. PX429-015AV, mV output, 15 psi absolute pressure, twist lock termination, PT06F10-6S, mating twist lock connector (sold separately), and DP25B-S, 4-digit meter, \$520 + 26.50 + 245 = \$791.50 system with meter.
(See page B-25h for information on meters).

0 TO 5 Vdc OUTPUT HIGH PERFORMANCE PRESSURE TRANSDUCERS PIEZORESISTIVE DESIGN WITH HIGH TEMPERATURE PERFORMANCE



PX409 Series

0 to 5 Vdc Output
0-10 in-H₂O to 0-5000 psi
25 mb to 0-345 bar

Starts at
\$545



PX409-100G5V,
\$545, shown
actual size.



PX419-100G5V,
\$545, shown
actual size.

Stock Delivery for
most Ranges!
Visit omega.com



PX429-015G5V,
\$545, shown
actual size.

MOST POPULAR MODELS HIGHLIGHTED!

Amplified Voltage Output Specifications

Output:

0 to 5 Vdc Supply Voltage:
10 to 30 Vdc@10 mA

0 to 10 Vdc Supply Voltage:
15 to 30 Vdc@10 mA

Accuracy (Combined Linearity, Hysteresis and Repeatability): ±0.08% BSL max

Zero Balance: ±0.5% FS typical 1% max (1% typical, 2% max for 1 psi and below)

Span Setting: ±0.5% FS typical 1% max (1% typical, 2% max for 1 psi and below). Calibrated in vertical direction with fitting down

Operating Temperature Range:
-45 to 115°C (-49 to 240°F)

Compensated Temperature:

Ranges >5 psi: -29 to 85°C (-20 to 185°F)

Ranges ≤5 psi: -17 to 85°C (0 to 185°F)

Thermal Effects Zero

(Over Compensated Range):

Ranges >5 psi: ±0.5% span

Ranges ≤5 psi: ±1.0% span

Thermal Effects Span

(Over Compensated Range):

Ranges >5 psi: ±0.5% span

Ranges ≤5 psi: ±1.0% span

To Order (Specify Model Number)

RANGE		2 m (6') CABLE TERMINATION	PRICE	MINI-DIN TERMINATION	PRICE	TWIST-LOCK TERMINATION	PRICE
psi	bar						
0 to 5 Vdc OUTPUT, GAGE PRESSURE RANGES							
10 in-H ₂ O	25 mb	PX409-10WG5V	\$595	PX419-10WG5V	\$595	PX429-10WG5V	\$595
1	69 mb	PX409-001G5V	595	PX419-001G5V	595	PX429-001G5V	595
2.5	172 mb	PX409-2.5G5V	595	PX419-2.5G5V	595	PX429-2.5G5V	595
5	345 mb	PX409-005G5V	545	PX419-005G5V	545	PX429-005G5V	545
15	1.0	PX409-015G5V	545	PX419-015G5V	545	PX429-015G5V	545
30	2.1	PX409-030G5V	545	PX419-030G5V	545	PX429-030G5V	545
50	3.4	PX409-050G5V	545	PX419-050G5V	545	PX429-050G5V	545
100	6.9	PX409-100G5V	545	PX419-100G5V	545	PX429-100G5V	545
150	10.3	PX409-150G5V	545	PX419-150G5V	545	PX429-150G5V	545
250	17.2	PX409-250G5V	545	PX419-250G5V	545	PX429-250G5V	545
500	34.5	PX409-500G5V	545	PX419-500G5V	545	PX429-500G5V	545
750	51.7	PX409-750G5V	545	PX419-750G5V	545	PX429-750G5V	545
1000	69	PX409-1.0KG5V	545	PX419-1.0KG5V	545	PX429-1.0KG5V	545
1500	103	PX409-1.5KG5V	545	PX419-1.5KG5V	545	PX429-1.5KG5V	545
2500	172	PX409-2.5KG5V	545	PX419-2.5KG5V	545	PX429-2.5KG5V	545
3500	241	PX409-3.5KG5V	545	PX419-3.5KG5V	545	PX429-3.5KG5V	545
5000	345	PX409-5.0KG5V	545	PX419-5.0KG5V	545	PX429-5.0KG5V	545
0 to 5 Vdc OUTPUT, ABSOLUTE PRESSURE RANGES							
5	345 mb	PX409-005A5V	\$545	PX419-005A5V	\$545	PX429-005A5V	\$545
15	1.0	PX409-015A5V	545	PX419-015A5V	545	PX429-015A5V	545
30	2.1	PX409-030A5V	545	PX419-030A5V	545	PX429-030A5V	545
50	3.4	PX409-050A5V	545	PX419-050A5V	545	PX429-050A5V	545
100	6.9	PX409-100A5V	545	PX419-100A5V	545	PX429-100A5V	545
150	10.3	PX409-150A5V	545	PX419-150A5V	545	PX429-150A5V	545
250	17.2	PX409-250A5V	545	PX419-250A5V	545	PX429-250A5V	545
500	34.5	PX409-500A5V	545	PX419-500A5V	545	PX429-500A5V	545
750	51.7	PX409-750A5V	545	PX419-750A5V	545	PX429-750A5V	545
1000	69	PX409-1.0KA5V	545	PX419-1.0KA5V	545	PX429-1.0KA5V	545

Note: To order with 0 to 10 Vdc output, change "5V" to "10V" no extra charge.

Ordering Examples: PX409-1.0KG5V, 5 V output, 1000 psi gage pressure range, 2m (6') cable termination, \$545. PX429-015A5V, 5 V output, 15 psi absolute pressure, twist lock termination, PT06F10-6S, mating twist lock connector (sold separately), and DP25B-E, 4-digit meter, \$545 + 26.50 + 245 = \$816.50 system with meter. (See page B-25h for information on meters).



4 TO 20 mA OUTPUT HIGH PERFORMANCE PRESSURE TRANSMITTERS PIEZORESISTIVE DESIGN WITH HIGH TEMPERATURE PERFORMANCE

PX409 Series

4 to 20 mA Output
0-10 in-H₂O to 0-5000 psi
25 mb to 0-345 bar

Starts at
\$545



PX409-100GI,
\$545, shown
actual size.



PX419-100GI,
\$545, shown
actual size.

Stock Delivery for
most Ranges!
Visit omega.com



PX429-015GI,
\$545, shown
actual size.

4 to 20 mA Specifications

Output: 4 to 20 mA

Supply Voltage: 9 to 30 Vdc

max loop res $\Omega = (V_s - 9) \times 50$
[9 to 20 Vdc above 105°C (229°F)]

**Accuracy (Combined Linearity,
Hysteresis and Repeatability):** $\pm 0.08\%$
BSL max

Zero Balance: $\pm 0.5\%$ FS typical 1% max
(1% typical, 2% max for 1 psi and below)

Span Setting: $\pm 0.5\%$ FS typical 1% max
(1% typical, 2% max for 1 psi and below).
Calibrated in vertical direction with
fitting down

Operating Temperature Range:
-45 to 115°C (-49 to 240°F)

Compensated Temperature:

Ranges > 5 psi: -29 to 85°C (-20 to 185°F)

Ranges ≤ 5 psi: -17 to 85°C (0 to 185°F)

**Thermal Effects Zero
(Over Compensated Range):**

Ranges > 5 psi: $\pm 0.5\%$ span

Ranges ≤ 5 psi: $\pm 1.0\%$ span

**Thermal Effects Span
(Over Compensated Range):**

Ranges > 5 psi: $\pm 0.5\%$ span

Ranges ≤ 5 psi: $\pm 1.0\%$ span

MOST POPULAR MODELS HIGHLIGHTED!

To Order (Specify Model Number)

RANGE		2 m (6') CABLE TERMINATION	PRICE	MINI-DIN TERMINATION	PRICE	TWIST-LOCK TERMINATION	PRICE
psi	bar						
4 to 20 mA OUTPUT, GAGE PRESSURE RANGES							
10 in-H ₂ O	25 mb	PX409-10WGI	\$595	PX419-10WGI	\$595	PX429-10WGI	\$595
1	69 mb	PX409-001GI	595	PX419-001GI	595	PX429-001GI	595
2.5	172 mb	PX409-2.5GI	595	PX419-2.5GI	595	PX429-2.5GI	595
5	345 mb	PX409-005GI	545	PX419-005GI	545	PX429-005GI	545
15	1.0	PX409-015GI	545	PX419-015GI	545	PX429-015GI	545
30	2.1	PX409-030GI	545	PX419-030GI	545	PX429-030GI	545
50	3.4	PX409-050GI	545	PX419-050GI	545	PX429-050GI	545
100	6.9	PX409-100GI	545	PX419-100GI	545	PX429-100GI	545
150	10.3	PX409-150GI	545	PX419-150GI	545	PX429-150GI	545
250	17.2	PX409-250GI	545	PX419-250GI	545	PX429-250GI	545
500	34.5	PX409-500GI	545	PX419-500GI	545	PX429-500GI	545
750	51.7	PX409-750GI	545	PX419-750GI	545	PX429-750GI	545
1000	69	PX409-1.0KGI	545	PX419-1.0KGI	545	PX429-1.0KGI	545
1500	103	PX409-1.5KGI	545	PX419-1.5KGI	545	PX429-1.5KGI	545
2500	172	PX409-2.5KGI	545	PX419-2.5KGI	545	PX429-2.5KGI	545
3500	241	PX409-3.5KGI	545	PX419-3.5KGI	545	PX429-3.5KGI	545
5000	345	PX409-5.0KGI	545	PX419-5.0KGI	545	PX429-5.0KGI	545
4 to 20 mA ABSOLUTE PRESSURE RANGES							
5	345 mb	PX409-005AI	\$545	PX419-005AI	\$545	PX429-005AI	\$545
15	1.0	PX409-015AI	545	PX419-015AI	545	PX429-015AI	545
30	2.1	PX409-030AI	545	PX419-030AI	545	PX429-030AI	545
50	3.4	PX409-050AI	545	PX419-050AI	545	PX429-050AI	545
100	6.9	PX409-100AI	545	PX419-100AI	545	PX429-100AI	545
150	10.3	PX409-150AI	545	PX419-150AI	545	PX429-150AI	545
250	17.2	PX409-250AI	545	PX419-250AI	545	PX429-250AI	545
500	34.5	PX409-500AI	545	PX419-500AI	545	PX429-500AI	545
750	51.7	PX409-750AI	545	PX419-750AI	545	PX429-750AI	545
1000	69	PX409-1.0KAI	545	PX419-1.0KAI	545	PX429-1.0KAI	545

Ordering Examples: PX409-1.0KGI, 4 to 20 mA output, 1000 psi gage pressure range, 2m (6') cable termination, \$545. PX429-015AI, 4 to 20 mA output, 15 psi absolute pressure, twist lock termination, PT06F10-6S, mating twist lock connector (sold separately), and DP25B-E, 4-digit meter, \$545 + 26.50 + 245 = \$816.50 system with meter.
(See B-25h for information on meters).

HIGH ACCURACY PRESSURE TRANSDUCERS

PIEZORESISTIVE DESIGN
WITH HIGH TEMPERATURE PERFORMANCE



PX409-100GI,
\$545, shown smaller
than actual size.

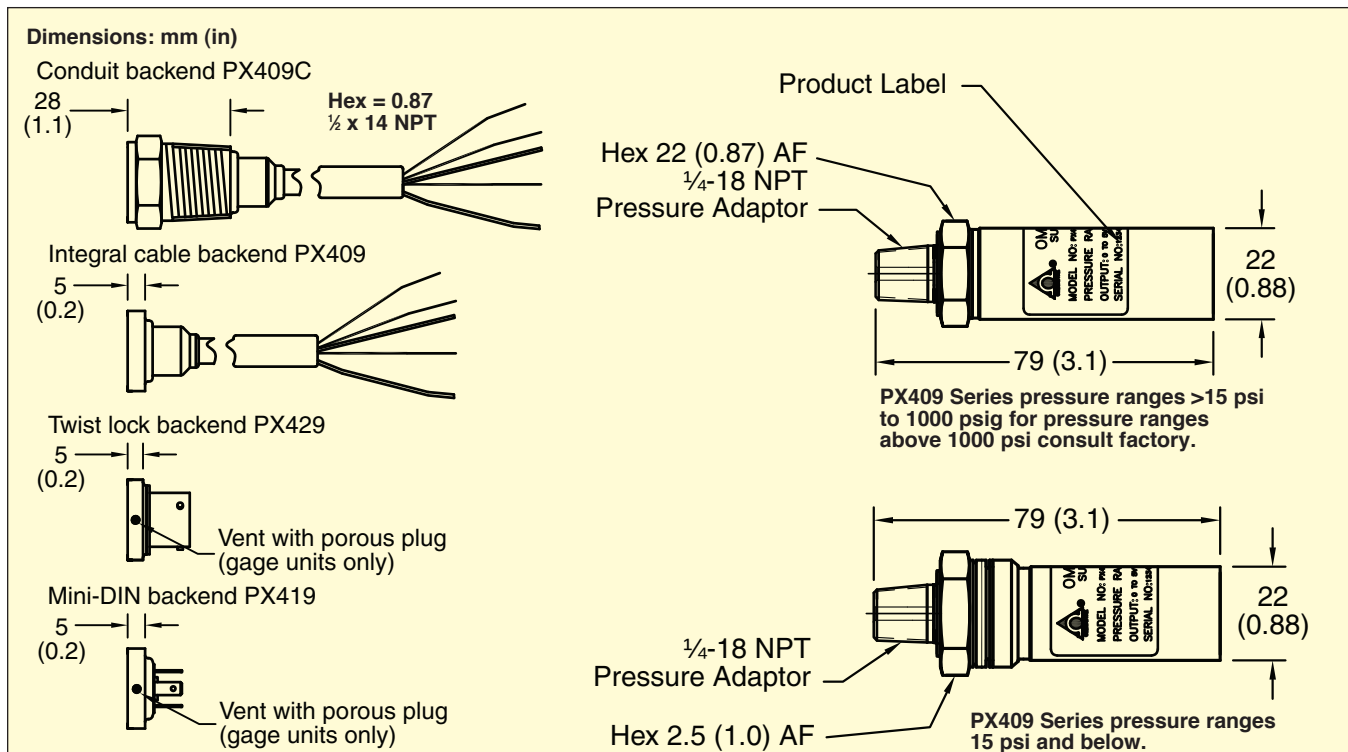
PX419-100GI, \$545,
shown smaller than actual size.

PX429-015GI,
\$545, shown smaller
than actual size.

PX409 CABLE CONNECTION			
COLOR	mV	5/10V	mA
Black	- EXC	Common	- Supply
White	+ SIG	+ Output	NC
Green	- SIG	NC	NC
Red	+ EXC	+ EXC	+ Supply

PX419 MINI-DIN PIN OUT			
PIN	mV	5/10V	mA
1	+ EXC	+ EXC	+ Supply
2	- EXC	Common	- Supply
3	+ SIG	+ Output	NC
4	- SIG	NC	NC

PX429 TWIST LOCK PINOUT			
PIN	mV	5/10V	mA
PIN	mV	5/10V	mA
A	+ EXC	+ EXC	+ Supply
B	- EXC	Common	- Supply
C	+ SIG	+ Output	NC
D	- SIG	NC	NC
E	NC	NC	NC
F	NC	NC	NC



COMPATIBLE METERS AND ACCESSORIES

MOST POPULAR LISTED!

METERS		
MODEL NO.	PRICE	DESCRIPTION
DP41-S	\$545	6-digit high accuracy (0.005%) strain meter for use with mV/V output models
DP41-E	545	6-digit high accuracy (0.005%) process meter for use with voltage and current output models
DP41-B	595	6-digit high accuracy (0.005%) universal meter for use with voltage and current output models also accepts thermocouple and RTD inputs
DP25B-S	245	4-digit precision strain meter for use with mV/V output models
DP25B-E	245	4-digit precision process meter for use with voltage and current output models
ACCESSORIES		
CX5302	\$15.00	Extra mini-DIN connector for PX419 Series
PT06F10-6S	26.50	Mating twist lock connector for PX429 Series
PS-4G	10.00	Pressure snubber for air/gaseous media
PS-4E	10.00	Pressure snubber for water or light oils
PS-4D	10.00	Pressure snubber for dense liquids (motor oil)



COMPATIBLE METER

DP25B

4-Digit Precision Meter

All Models
\$245



- ✓ mV, V, mA, Strain Gage Inputs
- ✓ Full Process Unit Scaling
- ✓ Built-In Transducer Power

Process and Strain Models

Because they accept a wide range of DC voltage and current inputs, the DP25-B-E strain meters can handle most process and strain applications. Features include easy front-panel scaling to virtually any engineering units, a remote tare



PATENTED
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