

INDUSTRIAL-GRADE TRANSMITTER WITH LABORATORY ACCURACY AVAILABLE IN RANGES FROM 50 TO 10,000 psi

PX945 Series
0-50 to 0-10,000 psi
0-3 to 0-690 bar

All Ranges
\$595



- ✓ High-Reliability Sputtered Strain Gage Design
- ✓ NIST-Traceable with FS Value Listed
- ✓ High 0.1% Accuracy
- ✓ Stainless Steel Wetted Parts
- ✓ DIN Connector for Easy, Secure Connections

SPECIFICATIONS

Excitation: 10 to 40 Vdc

Output: 4 to 20 mA (2 wire)
(NIST-traceable calibration, full scale output given)

Accuracy: $0.15 \leq 1000$ psi,
 $\pm 0.1\%$ FS (linearity, repeatability and hysteresis)

Zero Balance: 4 mA $\pm 10\%$ adj

Operating Temperature:
-18 to 85°C (0 to 185°F)

Compensated Temperature:
0 to 55°C (30 to 130°F)

Thermal Effects:

Zero: $\pm 0.015\%$ FS/°F

Span: $\pm 0.015\%$ rdg/°F

Proof Pressure: 200% FS

Burst Pressure: 300% FS

Max Loop Resistance:

(Supply voltage - 15) x 50 Ω

Response Time: 2500 Hz

Zero and Span: $\pm 15\%$ adj

Wetted Parts: 17-4 PH SS

Pressure Port: 1/4-18 NPTF

Electrical Connection: DIN style
9 mm connector (fits cable
dia. 0.15 to 0.23")

Dimensions: 39 Dia. x 117 mm L
(1 1/2 x 4 3/4")

Weight: 285 g (10 oz)

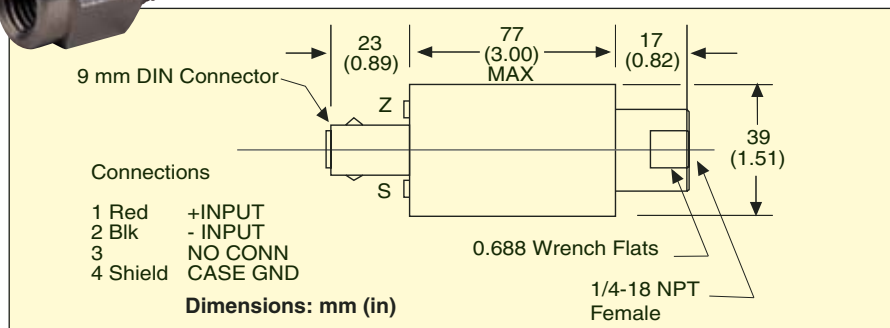


PS-4G snubber, \$10,
sold separately, see
page C-5.



DP41-E meter, \$545,
sold separately, see
page D-31.

PX945-500GI, \$595,
shown smaller
than actual size.



MOST POPULAR MODELS HIGHLIGHTED!

To Order (Specify Model Number)

RANGE	MODEL NO.	PRICE	COMPATIBLE METERS*
0 to 50 psi	PX945-050GI	\$595	DP41-E, DP25B-E, DP24-E
0 to 100 psi	PX945-100GI	595	DP41-E, DP25B-E, DP24-E
0 to 200 psi	PX945-200GI	595	DP41-E, DP25B-E, DP24-E
0 to 500 psi	PX945-500GI	595	DP41-E, DP25B-E, DP24-E
0 to 1000 psi	PX945-1KGI	595	DP41-E, DP25B-E, DP24-E
0 to 3000 psi	PX945-3KGI	595	DP41-E, DP25B-E, DP24-E
0 to 5000 psi	PX945-5KGI	595	DP41-E, DP25B-E, DP24-E
0 to 10,000 psi	PX945-10KGI	595	DP41-E, DP25B-E, DP24-E

Comes with 5-point calibration.

* See section D for compatible meters.

Ordering Example: PX945-050GI, industrial transmitter with 0 to 50 psig range, \$595.

PS-4G, snubber, \$10 and DP41-E, process indicator (all pictured above), \$595 + 10 + 545 = \$1150.

ACCESSORIES

MODEL NO.	PRICE	DESCRIPTION
PS-4G	\$10	Pressure snubber for gaseous media
PS-4E	10	Pressure snubber for water and light oils
PS-4D	10	Pressure snubber for dense liquids (motor oil)
CM-4365	160	Reference Book: Actuator Saturation Control



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• Flow and Level

Air Velocity Indicators, Doppler Flowmeters, Level Measurement, Magnetic Flowmeters, Mass Flowmeters, Pitot Tubes, Pumps, Rotameters, Turbine and Paddle Wheel Flowmeters, Ultrasonic Flowmeters, Valves, Variable Area Flowmeters, Vortex Shedding Flowmeters

• pH and Conductivity

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• Data Acquisition

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• Pressure, Strain and Force

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• Heaters

Band Heaters, Cartridge Heaters, Circulation Heaters, Comfort Heaters, Controllers, Meters and Switching Devices, Flexible Heaters, General Test and Measurement Instruments, Heater Hook-up Wire, Heating Cable Systems, Immersion Heaters, Process Air and Duct, Heaters, Radiant Heaters, Strip Heaters, Tubular Heaters