

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

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

PX945 Series



- ✓ 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% ≤ 1000 psi,
±0.1% FS (linearity, repeatability and hysteresis)

Zero Balance: 4 mA ±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: ±0.015% FS/°F

Span: ±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: ±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
(1½ x 4¾")

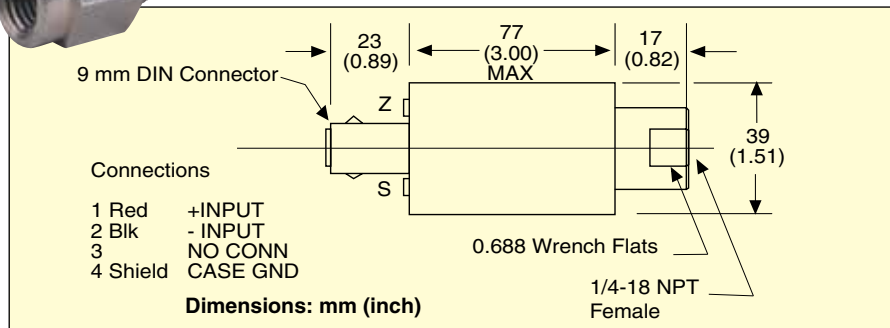
Weight: 285 g (10 oz)

PS-4G snubber,
sold separately,
visit us online.



DP41-E meter, sold
separately, visit us
online.

PX945-500GI,
shown smaller
than actual size.



To Order

RANGE		MODEL NO.	COMPATIBLE METERS*
0 to 50 psi	0 to 3.4 bar	PX945-050GI	DP41-E, DP25B-E, DP24-E
0 to 100 psi	0 to 6.9 bar	PX945-100GI	DP41-E, DP25B-E, DP24-E
0 to 200 psi	0 to 13.8 bar	PX945-200GI	DP41-E, DP25B-E, DP24-E
0 to 500 psi	0 to 34.5 bar	PX945-500GI	DP41-E, DP25B-E, DP24-E
0 to 1000 psi	0 to 68.9 bar	PX945-1KGI	DP41-E, DP25B-E, DP24-E
0 to 3000 psi	0 to 207 bar	PX945-3KGI	DP41-E, DP25B-E, DP24-E
0 to 5000 psi	0 to 345 bar	PX945-5KGI	DP41-E, DP25B-E, DP24-E
0 to 10,000 psi	0 to 689 bar	PX945-10KGI	DP41-E, DP25B-E, DP24-E

Comes with 5-point calibration.

* Visit us online for compatible meters.

Ordering Example: PX945-050GI, industrial transmitter with 0 to 50 psig range.
PS-4G, snubber, and DP41-E, process indicator (all pictured above).

ACCESSORIES

MODEL NO.	DESCRIPTION
PS-4G	Pressure snubber for gaseous media
PS-4E	Pressure snubber for water and light oils
PS-4D	Pressure snubber for dense liquids (motor oil)



CURRENT OUTPUT
PRESSURE TRANSDUCERS
B