

TERMINAL BOX STYLE GENERAL PURPOSE CURRENT OUTPUT PRESSURE SENSORS

15 to 10,000 psi
1 to 690 bar

Snubbers Protect Sensors From Fluid Spikes/Hammers! Visit us online

PX700 Series



Voltage			
A	1	Red	+ Excitation
B	3	White	+ Output
C	2	Black	Common
D	4	Bare	Drain
4-20 Milliamp			
A	1	Red	+ Excitation
B	2	Black	- Excitation
D	4	Bare	Drain
PX700 (Voltage)		PX700 (Milliamp)	
	Ground		Ground
	Common		Not Used
	+ Outlet		DC Excitation -
	+ Excitation		DC Excitation +



PX700-100GI, shown smaller than actual size.

✓ NEMA 4 (IP65) Enclosure

SPECIFICATIONS

4 to 20 mA Output

Excitation: 12 to 32 Vdc unregulated

Output: 4 to 20 mA

Accuracy: 0.25% FS (includes linearity, hysteresis, repeatability)

Zero Balance: 4 mA $\pm 1\%$

Span: 16 mA $\pm 1\%$

Long-Term Stability: $\pm 0.5\%$ FS

Typical Life: 100 million cycles

Operating Temperature:

-18 to 71°C (0 to 160°F)

Compensated Temperature:

-1 to 54°C (30 to 130°F)

Total Thermal Effects: $\pm 1\%$ FS max

Proof Pressure: 200% or 13,000 psi max, whichever is less

Min Load Resistance: 2000 Ω

Response Time: 1 ms

Gage Type: Stainless steel diaphragm, silicone oil-filled semiconductor sensor

Shock: 50 g @ 11 ms

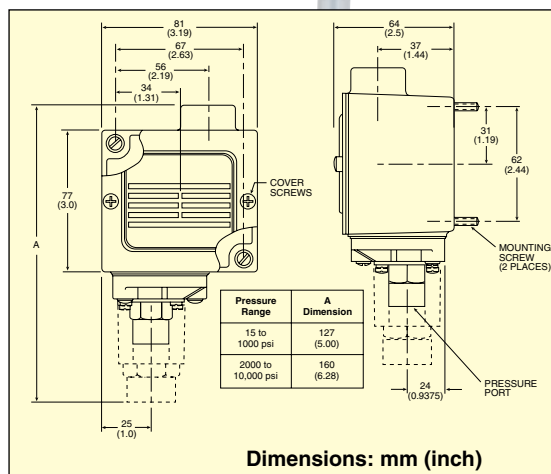
Vibration: 15 g, 10 to 2000 Hz

Wetted Parts: 17-4 PH and 300 Series stainless steel

Pressure Port: $\frac{7}{16}$ -20 UNF female

Electrical Conn: 4-pole terminal strip and integral $\frac{1}{2}$ NPT female

Weight: 672 g (23.7 oz) to 1000 psi, 686 g (24.2 oz) from 2000 psi



VOLTAGE OUTPUT PRESSURE TRANSDUCERS
B

ACCESSORIES

MODEL NO.	DESCRIPTION
RA-716-14M-SS	$\frac{7}{16}$ -20 UNF male to $\frac{1}{4}$ NPT male adaptor
RA-716-14F-SS	$\frac{7}{16}$ -20 UNF male to $\frac{1}{4}$ NPT female adaptor

To Order			
RANGE		4 to 20 mA MODEL NO.	COMPATIBLE METERS
psig	bar		
GAGE MODELS			
0 to 15	0 to 1.0	PX700-015GI	DP41-E, DP25B-E, DP460-E
0 to 30	0 to 2.1	PX700-030GI	DP41-E, DP25B-E, DP460-E
0 to 50	0 to 3.4	PX700-050GI	DP41-E, DP25B-E, DP460-E
0 to 100	0 to 6.9	PX700-100GI	DP41-E, DP25B-E, DP460-E
0 to 200	0 to 13.8	PX700-200GI	DP41-E, DP25B-E, DP460-E
0 to 300	0 to 20.7	PX700-300GI	DP41-E, DP25B-E, DP460-E
0 to 500	0 to 34.5	PX700-500GI	DP41-E, DP25B-E, DP460-E
0 to 1000	0 to 68.9	PX700-1KGI	DP41-E, DP25B-E, DP460-E
0 to 2000	0 to 138	PX700-2KGI	DP41-E, DP25B-E, DP460-E
0 to 3000	0 to 207	PX700-3KGI	DP41-E, DP25B-E, DP460-E
0 to 5000	0 to 345	PX700-5KGI	DP41-E, DP25B-E, DP460-E
0 to 10,000	0 to 689	PX700-10KGI	DP41-E, DP25B-E, DP460-E

Comes complete with operator's manual.

To order absolute pressure ranges (to 300 psi), replace "G" with "A" in model number, no additional charge.

Ordering Examples: PX700-050AI, 50 psia 4 to 20 mA output pressure sensor.

PX700-050GI, 50 psig 4 to 20 mA output pressure sensor.