



GENERAL PURPOSE 5 OR 10 Vdc OUTPUT PRESSURE SENSORS

PX303/PX313 Series
 15 to 10,000 psi
 1 to 690 bar



Starts at
\$310

PX303-100G5V, \$310, shown actual size.

PX313-100G5V, \$330, shown actual size. DIN connector included.



- ✓ Welded Stainless Steel Construction
- ✓ NEMA 4 (IP65) Enclosure
- ✓ Reverse Polarity Protected
- ✓ Integral Strain Relief Cable or DIN Connector
- ✓ 0.25% Full Scale Accuracy

SPECIFICATIONS

5V Output (10V Output)

Excitation: 9 to 30 Vdc (14 to 30 Vdc) unregulated

Quiescent Current: 15 mA max

Output: 0.5 to 5.5 (1 to 11) Vdc

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

Zero Balance: ±0.4% FS (±0.2%)

Span Tolerance: ±0.8% FS (±0.4%)

Long-Term Stability: ±0.5% FS

Typical Life: 100 million cycles

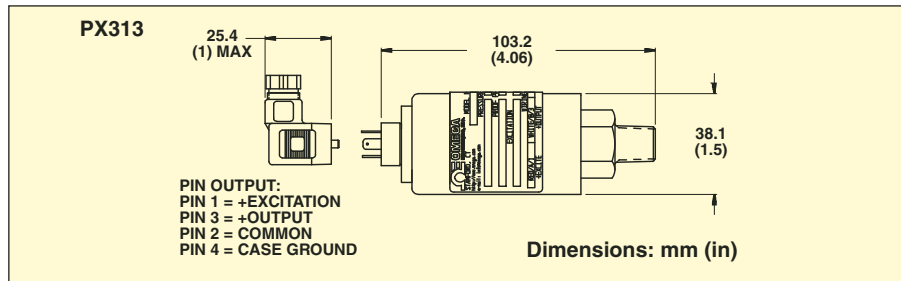
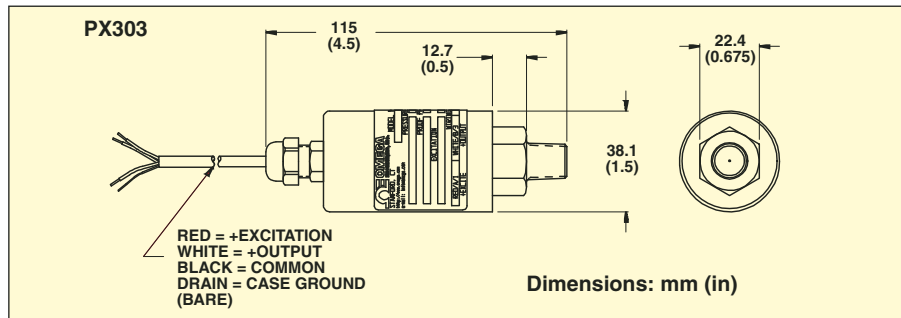
Operating Temperature:

-18 to 71°C (0 to 160°F)

Compensated Temperature:

-1 to 71°C (30 to 160°F)

Total Thermal Effects: 1% FS max



Proof Pressure: 200%, 13,000 psi max

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: ¼ NPT male

Pressure Cavity: 0.075 in³

Electrical Connection:

PX303: 1 m (3') 4-conductor, 22 AWG, PVC jacketed, shielded cable

PX313: Miniature DIN connector (included)

Weight: 221 g (7.8 oz) to 1000 psi
 281 g (9.9 oz) from 1000 psi and higher



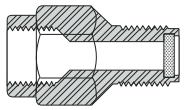
GENERAL PURPOSE PRESSURE SENSORS



PX313-100G5V, \$330, shown actual size.

PX303-100G5V, \$310, shown actual size.

Snubbers protect sensors from fluid spikes/hammers!



1/4 NPT Pressure Snubbers: \$10
 PS-4G = Gas
 PS-4E = Lt Oil
 PS-4D = Dense Lq

VOLTAGE OUTPUT
 PRESSURE TRANSDUCERS
B

MOST POPULAR MODELS HIGHLIGHTED!

To Order (Specify Model Number)

psi	bar	CABLE STYLE	PRICE	CONNECTOR STYLE	PRICE	COMPATIBLE METERS*
GAGE PRESSURE RANGES						
0 to 15	0 to 1.0	PX303-015G5V	\$310	PX313-015G5V	\$330	DP24-E, DP25B-E, DP41-E, DPi Series
0 to 30	0 to 2.1	PX303-030G5V	310	PX313-030G5V	330	DP24-E, DP25B-E, DP41-E, DPi Series
0 to 50	0 to 3.4	PX303-050G5V	310	PX313-050G5V	330	DP24-E, DP25B-E, DP41-E, DPi Series
0 to 100	0 to 6.9	PX303-100G5V	310	PX313-100G5V	330	DP24-E, DP25B-E, DP41-E, DPi Series
0 to 200	0 to 13.8	PX303-200G5V	310	PX313-200G5V	330	DP24-E, DP25B-E, DP41-E, DPi Series
0 to 300	0 to 20.7	PX303-300G5V	310	PX313-300G5V	330	DP24-E, DP25B-E, DP41-E, DPi Series
0 to 500	0 to 34.5	PX303-500G5V	310	PX313-500G5V	330	DP24-E, DP25B-E, DP41-E, DPi Series
0 to 1000	0 to 69.0	PX303-1KG5V	310	PX313-1KG5V	330	DP24-E, DP25B-E, DP41-E, DPi Series
0 to 2000	0 to 138	PX303-2KG5V	310	PX313-2KG5V	330	DP24-E, DP25B-E, DP41-E, DPi Series
0 to 3000	0 to 207	PX303-3KG5V	310	PX313-3KG5V	330	DP24-E, DP25B-E, DP41-E, DPi Series
0 to 4000	0 to 276	PX303-4KG5V	310	PX313-4KG5V	330	DP24-E, DP25B-E, DP41-E, DPi Series
0 to 5000	0 to 345	PX303-5KG5V	310	PX313-5KG5V	330	DP24-E, DP25B-E, DP41-E, DPi Series
0 to 7500	0 to 517	PX303-7.5KG5V	310	PX313-7.5KG5V	330	DP24-E, DP25B-E, DP41-E, DPi Series
0 to 10,000	0 to 690	PX303-10KG5V	310	PX313-10KG5V	330	DP24-E, DP25B-E, DP41-E, DPi Series
ABSOLUTE PRESSURE RANGES						
0 to 15	0 to 1.0	PX303-015A5V	\$310	PX313-015A5V	\$330	DP24-E, DP25B-E, DP41-E, DPi Series
0 to 30	0 to 2.1	PX303-030A5V	310	PX313-030A5V	330	DP24-E, DP25B-E, DP41-E, DPi Series
0 to 50	0 to 3.4	PX303-050A5V	310	PX313-050A5V	330	DP24-E, DP25B-E, DP41-E, DPi Series
0 to 100	0 to 6.9	PX303-100A5V	310	PX313-100A5V	330	DP24-E, DP25B-E, DP41-E, DPi Series
0 to 200	0 to 13.8	PX303-200A5V	310	PX313-200A5V	330	DP24-E, DP25B-E, DP41-E, DPi Series
0 to 300	0 to 20.7	PX303-300A5V	310	PX313-300A5V	330	DP24-E, DP25B-E, DP41-E, DPi Series

Comes with complete operator's manual.

* See section D for compatible meters.

To order models with 1 to 11 Vdc output, replace "5V" with "10V" in model number (no extra charge).

Ordering Example: PX303-050G10V, 1 to 11 Vdc output 50 psi gage pressure sensor, \$310.

ACCESSORIES

MODEL NO.	PRICE	DESCRIPTION
PS-4E	\$10	Pressure snubber for water or light oils
PS-4D	10	Pressure snubber for dense liquids or oils
PS-4G	10	Pressure snubber for gases and steam
CM-4493	149	Reference Book: Hawley's Condensed Chemical Dictionary



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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