ARTISAN®
TECHNOLOGY GROUP

Your **definitive** source for quality pre-owned equipment.

Artisan Technology Group
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Full-service, independent repair center
with experienced engineers and technicians on staff.

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Custom engineering
so your equipment works exactly as you specify.

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Find the *OMEGA PX303-2KG10V* at our website: *Click HERE*

GENERAL PURPOSE 5 OR 10 Vdc OUTPUT PRESSURE SENSORS

15 to 10,000 psi
1 to 690 bar



PX313-100G5V shown actual size. DIN connector included.

PX303-2KG5V shown actual size.

Metric thread adaptors available, visit OMEGA

PX303/PX313 Series

Product Discontinued

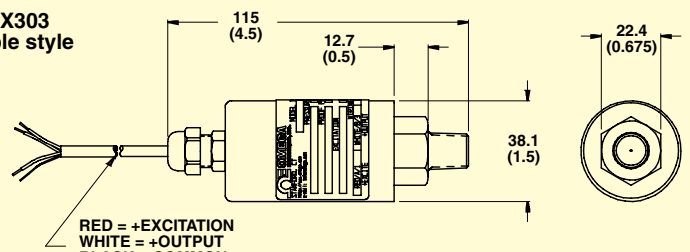
- **Welded Stainless Steel Construction**
- **NEMA 4 (IP65) Enclosure**
- **Reverse Polarity Protected**
- **Integral Strain Relief Cable or DIN Connector**
- **0.25% Full Scale Accuracy**

SPECIFICATIONS

5V Output (10V Output)

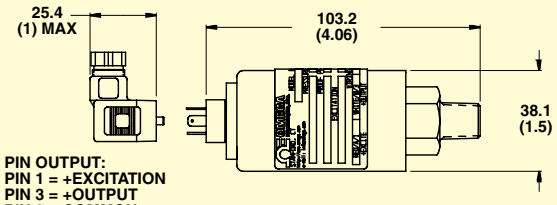
Excitation: 9 to 30 Vdc (14 to 30 Vdc) unregulated
Quiescent Current: 15 mA max
Output: 0.5 to 5.5 (1 to 11) Vdc
Accuracy: 0.25% FS (linearity, hysteresis, repeatability)
Zero Balance: ±2% FS
Span Tolerance: ±1% FS
Long-Term Stability: ±0.5% FS
Typical Life: 100 million cycles
Operating Temperature: -18 to 71°C (0 to 160°F)
Compensated Temperature: -1 to 71°C (30 to 160°F)
Total Thermal Effects: 1% FS max

PX303
Cable style



Dimensions: mm (inch)

PX313
mini DIN Style

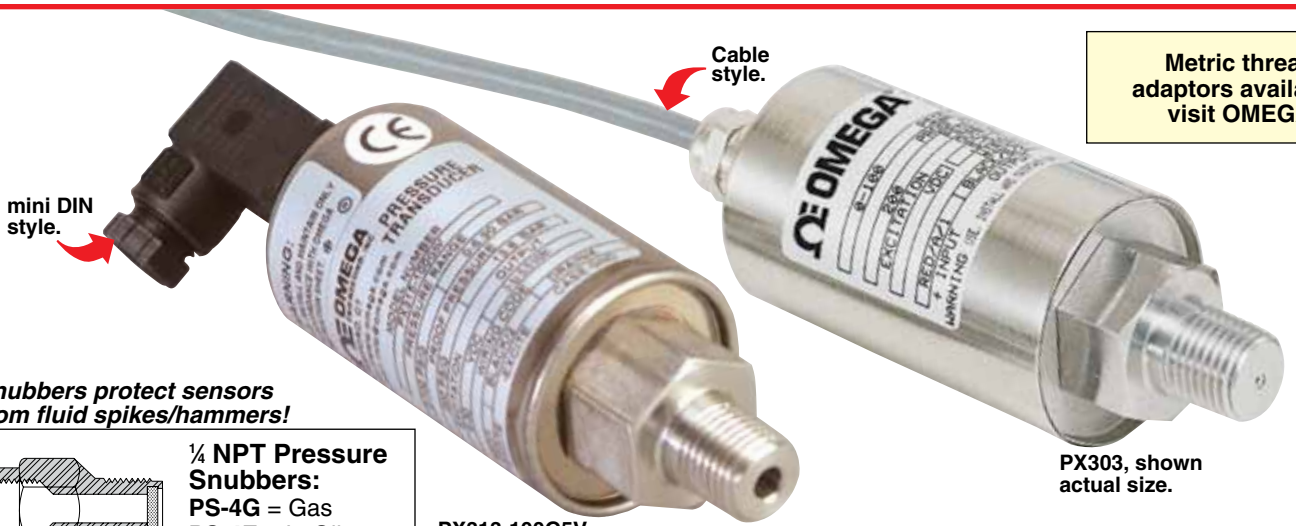


Dimensions: mm (inch)

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 in^3
Electrical Connection:
PX303: 1 m (3') 4-conductor, 22 AWG, PVC jacketed, shielded cable
PX313: mini 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



Metric thread adaptors available, visit OMEGA

PX313-100G5V shown actual size. DIN included.

PX303, shown actual size.

Snubbers protect sensors from fluid spikes/hammers!

¼ NPT Pressure Snubbers:
PS-4G = Gas
PS-4E = Lt Oil
PS-4D = Dense Lq

To Order

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

Comes complete with operator's manual.
*To order models with 1 to 11 Vdc output, replace **"5V"** with **"10V"** in model number and consult sales for price and delivery.*
***Ordering Examples: PX303-050G10V,** 1 to 11 Vdc output, 50 psi gage pressure sensor.*
***PX313-100G5V,** 0.5 to 5.5 Vdc output, 100 psi gage pressure sensor.*

ACCESSORIES

MODEL NO.	DESCRIPTION
PS-4E	Pressure snubber for water or light oils
PS-4D	Pressure snubber for dense liquids or oils
PS-4G	Pressure snubber for gases and steam

Artisan Technology Group is an independent supplier of quality pre-owned equipment

Gold-standard solutions

Extend the life of your critical industrial, commercial, and military systems with our superior service and support.

We buy equipment

Planning to upgrade your current equipment? Have surplus equipment taking up shelf space? We'll give it a new home.

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Visit us at **artisantg.com** for more info on price quotes, drivers, technical specifications, manuals, and documentation.

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