

GENERAL PURPOSE 100 MILLIVOLT OUTPUT PRESSURE SENSOR

AVAILABLE IN ABSOLUTE AND GAGE MODELS

PX302/PX312 Series
 15 to 10,000 psi
 1 to 690 Bar



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Starts at
\$225



MILLIVOLT OUTPUT
 PRESSURE TRANSDUCERS
B



PX312-100GV, \$240, DIN connector included.

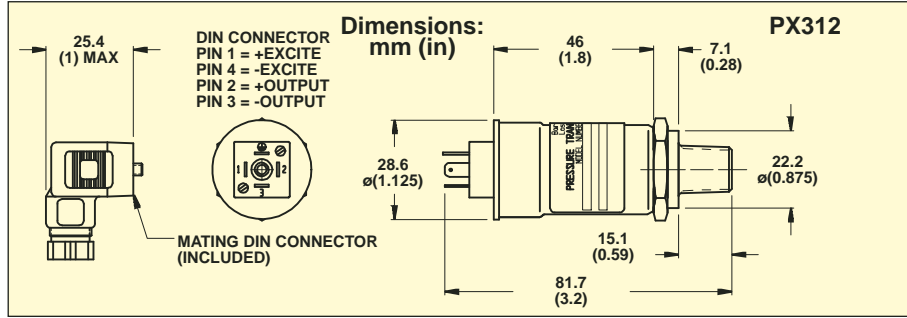
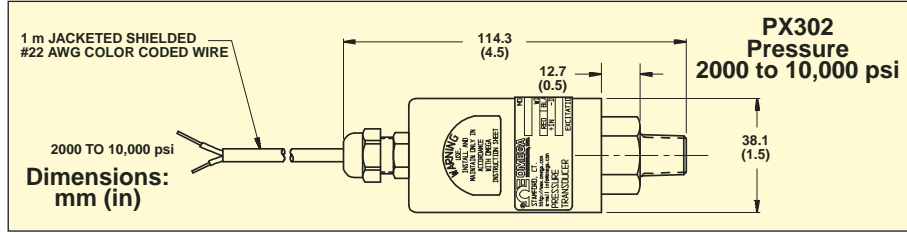
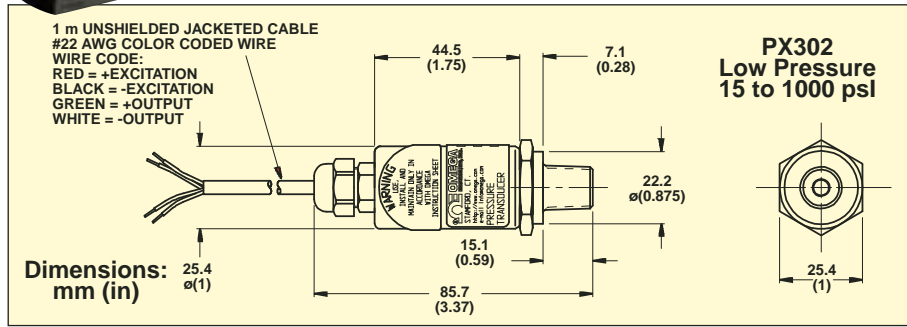


PX302-015GV, \$225, shown with DP41-S meter, \$545, and PS-4G snubber, \$10. Shown smaller than actual size.

- ✓ Rugged All Stainless Steel Construction
- ✓ Integral Strain Relief for Cable or DIN Connector
- ✓ High Sensitivity 10 mV/V Output
- ✓ NEMA 3 Enclosure

SPECIFICATIONS

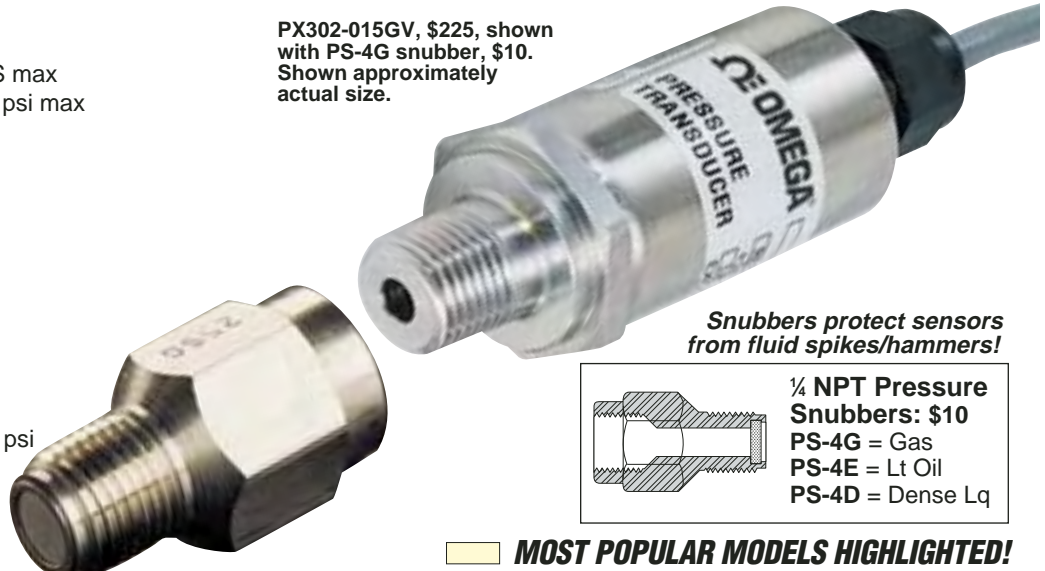
Excitation: 10 Vdc (5 to 15 Vdc limits)
Output: 10 mV/V ratiometric
 100 mV ±1 mV @ 10 Vdc
Accuracy: 0.25% BFS (linearity, hysteresis, repeatability)
Zero Balance: 0 mV ±2 mV
Input Resistance: 15,000 Ω maximum
Long-Term Stability: ±0.5% FS
Typical Life: 100 million cycles
Operating Temperature: -18 to 71°C (0 to 160°F)



GENERAL PURPOSE PRESSURE SENSOR

Compensated Temperature:
-1 to 71°C (30 to 160°F)
Total Thermal Effects: ±1% FS max
Proof Pressure: 200%, 13,000 psi max
Response Time: 1 ms
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
Electrical Connection:
PX302: 1 m (3') 4-conductor unshielded cable
PX312: Miniature DIN connector (included)
Weight: 131 g (4.6 oz) to 1000 psi
190 g (6.7 oz) from 1000 psi

PX302-015GV, \$225, shown with PS-4G snubber, \$10. Shown approximately actual size.



Snubbers protect sensors from fluid spikes/hammers!

¼ NPT Pressure Snubbers: \$10
PS-4G = Gas
PS-4E = Lt Oil
PS-4D = Dense Lq

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	PX302-015GV	\$225	PX312-015GV	\$240	DP25B-S, DP41-S, DPiS Series
0 to 30	0 to 2.1	PX302-030GV	225	PX312-030GV	240	DP25B-S, DP41-S, DPiS Series
0 to 50	0 to 3.4	PX302-050GV	225	PX312-050GV	240	DP25B-S, DP41-S, DPiS Series
0 to 100	0 to 6.9	PX302-100GV	225	PX312-100GV	240	DP25B-S, DP41-S, DPiS Series
0 to 200	0 to 13.8	PX302-200GV	225	PX312-200GV	240	DP25B-S, DP41-S, DPiS Series
0 to 300	0 to 20.7	PX302-300GV	225	PX312-300GV	240	DP25B-S, DP41-S, DPiS Series
0 to 500	0 to 34.5	PX302-500GV	225	PX312-500GV	240	DP25B-S, DP41-S, DPiS Series
0 to 1000	0 to 69.0	PX302-1KGV	225	PX312-1KGV	240	DP25B-S, DP41-S, DPiS Series
0 to 2000	0 to 138	PX302-2KGV	225	PX312-2KGV	240	DP25B-S, DP41-S, DPiS Series
0 to 3000	0 to 207	PX302-3KGV	225	PX312-3KGV	240	DP25B-S, DP41-S, DPiS Series
0 to 4000	0 to 276	PX302-4KGV	225	PX312-4KGV	240	DP25B-S, DP41-S, DPiS Series
0 to 5000	0 to 345	PX302-5KGV	225	PX312-5KGV	240	DP25B-S, DP41-S, DPiS Series
0 to 7500	0 to 517	PX302-7.5KGV	225	PX312-7.5KGV	240	DP25B-S, DP41-S, DPiS Series
0 to 10,000	0 to 690	PX302-10KGV	225	PX312-10KGV	240	DP25B-S, DP41-S, DPiS Series
ABSOLUTE PRESSURE RANGES						
0 to 15	0 to 1.0	PX302-015AV	\$225	PX312-015AV	\$240	DP25B-S, DP41-S, DPiS Series
0 to 30	0 to 2.1	PX302-030AV	225	PX312-030AV	240	DP25B-S, DP41-S, DPiS Series
0 to 50	0 to 3.4	PX302-050AV	225	PX312-050AV	240	DP25B-S, DP41-S, DPiS Series
0 to 100	0 to 6.9	PX302-100AV	225	PX312-100AV	240	DP25B-S, DP41-S, DPiS Series
0 to 200	0 to 13.8	PX302-200AV	225	PX312-200AV	240	DP25B-S, DP41-S, DPiS Series
0 to 300	0 to 20.7	PX302-300AV	225	PX312-300AV	240	DP25B-S, DP41-S, DPiS Series

Comes with complete operator's manual. * See section D for compatible meters.

Ordering Example: PX302-050GV, pressure transducer with 50 psig full scale rating and PS-4E pressure snubber for water and light oils, \$225 + 10 = \$235.

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
MS-1808	\$125	Reference Book: Plant Engineer's Handbook

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