THIN-FILM TRANSDUCERS FOR GAGE, VACUUM, OR COMPOUND RANGES

RUGGED STAINLESS STEEL CONSTRUCTION

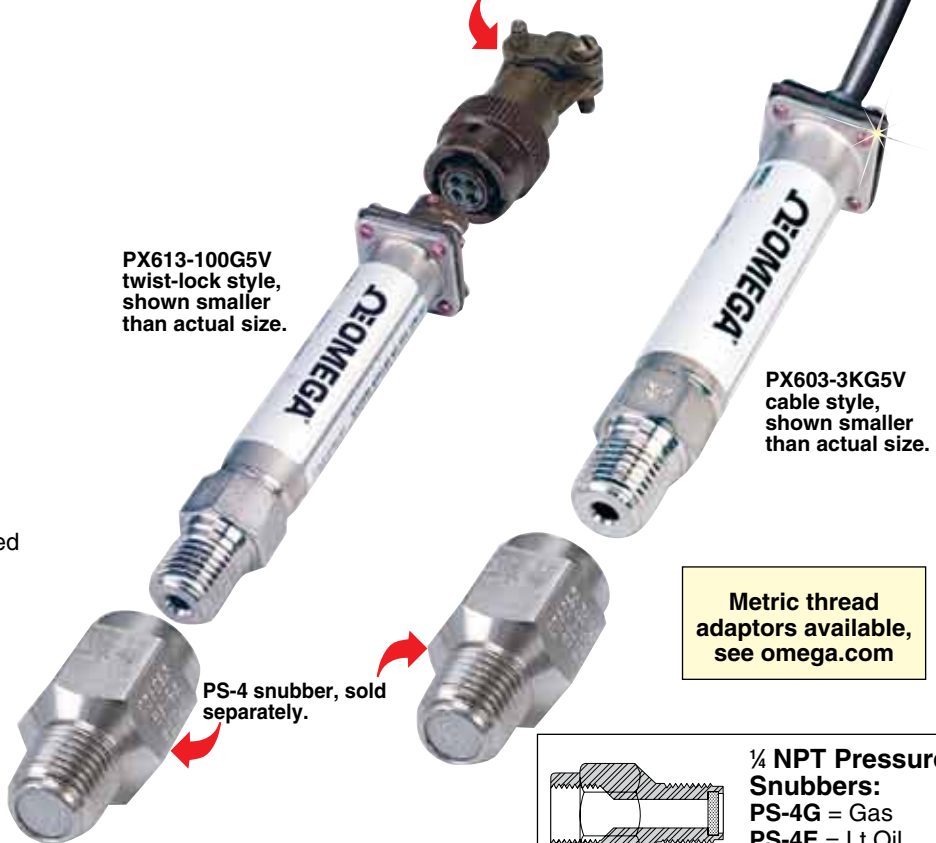
Vacuum to 20,000 psi (1380 bar)

PX603/PX613 Series

1 YEAR WARRANTY

DP41-E meter, sold separately, see omega.com

PT06F8-4S connector, sold separately.



PX613-100G5V twist-lock style, shown smaller than actual size.

PX603-3KG5V cable style, shown smaller than actual size.

PS-4 snubber, sold separately.

Metric thread adaptors available, see omega.com

- **Excellent Long-Term Stability**
- **NEMA 4 (IP65) Cable or Connector Models**
- **0.4% Accuracy**
- **Thin-Film Design for High Reliability**
- **Ideal for Liquid or Gas**
- **Zero and Span Adjustments**

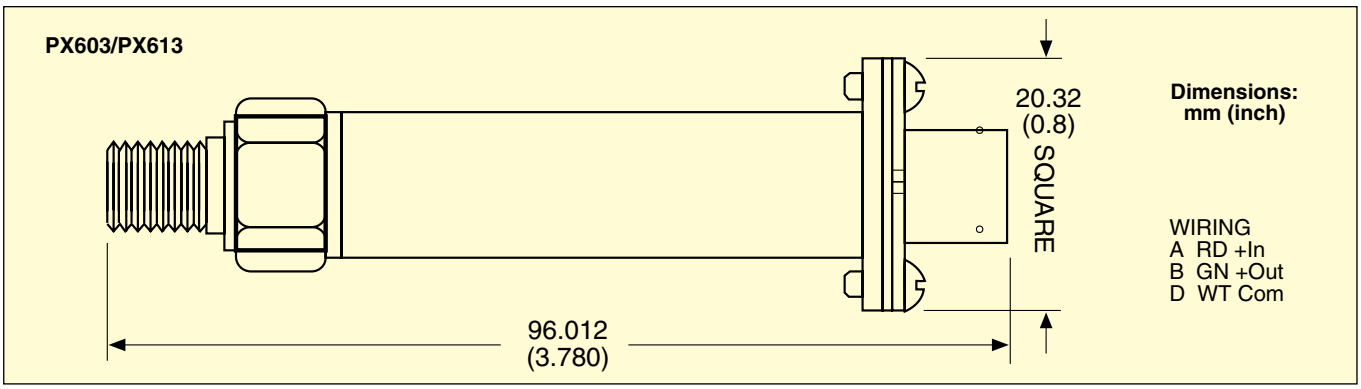
SPECIFICATIONS

Excitation: 10 to 30 Vdc unregulated
Output: 1 to 5 Vdc (3 wire)
Supply Current: <3.0 mA
Insulation Resistance: 100 MΩ @ 50V
Accuracy: ±0.4% BFSL
Hysteresis: ±0.2% full scale
Repeatability: ±0.05% full scale
Stability: ±1.0%/year
Durability: 100 million cycles
Operating Temperature: -48 to 90°C (-55 to 195°F)
Compensated Temperature: -29 to 82°C (-20 to 180°F)
Thermal Zero Effect: ±0.07% full scale/°C
Thermal Span Effect: ±0.07% full scale/°C
Proof Pressure:
15 to 2000 psi = 200% full scale
3000 to 5000 psi = 150% full scale
7500 to 20,000 psi = 120% full scale

Burst Pressure:
15 to 2000 psi = 800% full scale
3000 to 5000 psi = 500% full scale
7500 to 20,000 psi = 500% full scale
Gages: Thin-film polysilicone
Diaphragm: 17-4 PH stainless steel
Case: 300 Series stainless steel
Pressure Connection:
15 to 10,000 psi = ¼ NPT
15,000 and 20,000 psi = female Aminco fitting

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

Electrical Connection: 0.9 m (36") braided-shield PVC cable or connector
Mating Connector: PT06F8-4S (sold separately)
Weight: 128 g (4.5 oz) without cable
Response Time: 5 ms
Construction: Sealed units, except PX603 ≤500 psi is vented to room



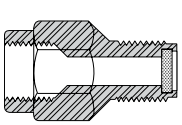
To Order

RANGE†	bar	MODEL NO. [*] INSERT 0 or 1	COMPATIBLE METERS**
Vacuum to 0 psig	-1 to 0	**PX6[*]3-30VAC5V**	DP3002-E, DP41-E, DP25B-E
Vacuum to 15 psig	-1 to 1.0	**PX6[*]3-30V15G5V**	DP3002-E, DP41-E, DP25B-E
Vacuum to 30 psig	-1 to 2.1	**PX6[*]3-30V30G5V**	DP3002-E, DP41-E, DP25B-E
Vacuum to 60 psig	-1 to 4.1	**PX6[*]3-30V60G5V**	DP3002-E, DP41-E, DP25B-E
0 to 15 psig	0 to 1.0	**PX6[*]3-015G5V**	DP3002-E, DP41-E, DP25B-E
0 to 30 psig	0 to 2.1	**PX6[*]3-030G5V**	DP3002-E, DP41-E, DP25B-E
0 to 60 psig	0 to 4.1	**PX6[*]3-060G5V**	DP3002-E, DP41-E, DP25B-E
0 to 100 psig	0 to 6.9	**PX6[*]3-100G5V**	DP3002-E, DP41-E, DP25B-E
0 to 150 psig	0 to 10.3	**PX6[*]3-150G5V**	DP3002-E, DP41-E, DP25B-E
0 to 200 psig	0 to 13.8	**PX6[*]3-200G5V**	DP3002-E, DP41-E, DP25B-E
0 to 300 psig	0 to 20.7	**PX6[*]3-300G5V**	DP3002-E, DP41-E, DP25B-E
0 to 500 psig	0 to 34.5	**PX6[*]3-500G5V**	DP3002-E, DP41-E, DP25B-E
0 to 1000 psig	0 to 68.9	**PX6[*]3-1KG5V**	DP3002-E, DP41-E, DP25B-E
0 to 2000 psig	0 to 138	**PX6[*]3-2KG5V**	DP3002-E, DP41-E, DP25B-E
0 to 3000 psig	0 to 207	**PX6[*]3-3KG5V**	DP3002-E, DP41-E, DP25B-E
0 to 5000 psig	0 to 345	**PX6[*]3-5KG5V**	DP3002-E, DP41-E, DP25B-E
0 to 7500 psig	0 to 517	**PX6[*]3-7.5KG5V**	DP3002-E, DP41-E, DP25B-E
0 to 10,000 psig	0 to 689	**PX6[*]3-10KG5V**	DP3002-E, DP41-E, DP25B-E
0 to 15,000 psig	0 to 1034	**PX6[*]3-15KG5V†**	DP3002-E, DP41-E, DP25B-E
0 to 20,000 psig	0 to 1379	**PX6[*]3-20KG5V†**	DP3002-E, DP41-E, DP25B-E

Comes complete with operator's manual.
*** See omega.com/meters for compatible meters.***
†15,000 and 20,000 psi models supplied with female Aminco fitting.
***[*]** Insert "**0**" for cable style, "**1**" for connector style.*
***Ordering Examples: PX603-500G5V,** cable-style transducer with 1 to 5 Vdc output and range of 0 to 500 psi.*
***PX613-500G5V,** connector-style transducer with 1 to 5 Vdc output and range of 0 to 500 psi.*
***PT06F8-4S,** mating connector (sold separately).*

ACCESSORIES

MODEL NO.	DESCRIPTION
PT06F8-4S	Mating connector for PX613 Series transducers
PS-4D	Pressure snubber, for oil, 225 to 500 SSU (10 to 50 SAE)
PS-4E	Pressure snubber, for water and light oil, 30 to 225 SSU
PS-4G	Pressure snubber, for air, stream and gases



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