



# SILICON-ON-SAPPHIRE TRANSMITTER LONG TERM RELIABILITY

**PX920 Series**  
4 to 20 mA Output  
0-5 to 0-15,000 psi  
0-0.4 to 0-1000 bar

Starts at  
**\$725**



- ✓ Silicon-on-Sapphire Sensor Assures High Stability and Repeatability
- ✓ High Accuracy 0.2%
- ✓ NEMA 4 (IP65) Stainless Steel Body
- ✓ Solid State Reliability
- ✓ High Shock and Vibration
- ✓ Low Drift

### Typical Applications

- ✓ Mechanical and Civil Engineering Projects
- ✓ Process Plants
- ✓ Production Test Facilities
- ✓ Water Resource Management
- ✓ Power Generation

OMEGA's PX920 series are extremely tough process transmitters suitable for use in demanding process and industrial applications. Rugged stainless steel construction and featuring S.O.S. technology with a custom IC amplifier give the PX920 series high stability, low drift and long life.

Important features of this transmitter include easily accessible zero and span adjustment for simplified set-up and recalibration.



PX920-100GI, \$725, shown smaller than actual size.

SOS construction uses very stable solid state silicon strain gages on a Sapphire carrier which is glass bonded to a titanium diaphragm. This combination provides a very durable transducer which has excellent stability over a wide temperature range. Additionally, the all titanium diaphragm and Stainless Steel wetted parts provide maximum durability and corrosion resistance to harsh industrial chemicals.

**AVAILABLE FOR FAST DELIVERY!**

### To Order (Specify Model Number)

MODEL NO.	PRICE	RANGE (psig)	COMPATIBLE METERS
PX920-30VACI	\$850	30 inHg to 0	DP41-E, DP25-E, DP24-E
PX920-005GI	850	0 to 5	DP41-E, DP25-E, DP24-E
PX920-010GI	850	0 to 10	DP41-E, DP25-E, DP24-E
PX920-015GI	725	0 to 15	DP41-E, DP25-E, DP24-E
PX920-030GI	725	0 to 30	DP41-E, DP25-E, DP24-E
PX920-060GI	725	0 to 60	DP41-E, DP25-E, DP24-E
PX920-100GI	725	0 to 100	DP41-E, DP25-E, DP24-E
PX920-150GI	725	0 to 150	DP41-E, DP25-E, DP24-E
PX920-200GI	725	0 to 200	DP41-E, DP25-E, DP24-E
PX920-300GI	725	0 to 300	DP41-E, DP25-E, DP24-E
PX920-600GI	725	0 to 600	DP41-E, DP25-E, DP24-E
PX920-1KGI	725	0 to 1K	DP41-E, DP25-E, DP24-E
PX920-1.5KGI	725	0 to 1.5K	DP41-E, DP25-E, DP24-E
PX920-3KGI	725	0 to 3K	DP41-E, DP25-E, DP24-E
PX920-6KGI	725	0 to 6K	DP41-E, DP25-E, DP24-E
PX920-10KGI	725	0 to 10K	DP41-E, DP25-E, DP24-E
PX920-15KGI	725	0 to 15K	DP41-E, DP25-E*, DP24-E*

\* 4-digit meters

Metric ranges available—consult engineering

Ordering Example: PX920-1KGI, 1000 psi transducer with 4 to 20 mA output, PG9 cable gland and internal terminal block electrical connection with 1/2 male NPT pressure port, \$725.

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Your One-Stop Source for Process Measurement and Control!

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## More than 100,000 Products Available!

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Air Velocity Indicators, Doppler Flowmeters, Level Measurement, Magnetic Flowmeters, Mass Flowmeters, Pitot Tubes, Pumps, Rotameters, Turbine and Paddle Wheel Flowmeters, Ultrasonic Flowmeters, Valves, Variable Area Flowmeters, Vortex Shedding Flowmeters

### • pH and Conductivity

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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