

Compact Pressure Transmitter

PX190



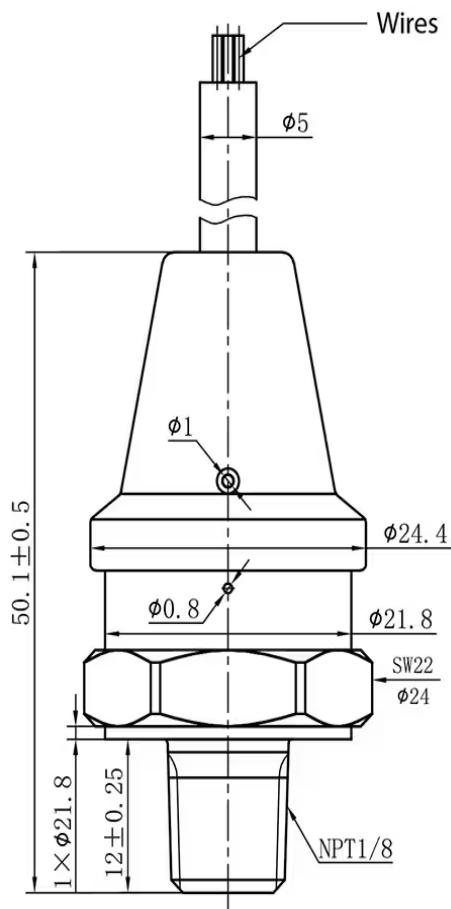
Compact Pressure Transmitter

- Cost efficient
- Rugged IP67 rated design
- Compact size with less than 2" length
- 17-4PH stainless steel wetted parts
- Good total accuracy and interchangeability
- Excellent selection for OEM applications

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Description

Omega's PX190 pressure transducer series is a terrific option for OEM or general purpose applications where an economical choice is needed. These transducers are designed for general industrial and commercial applications where good accuracy and reliability are also important. The PX190 series is constructed with a rugged, compact design that is under 2" - a great fit for small spaces. And with wetted parts made of 17-4PH stainless steel, this transducer has high strength, good corrosion resistance, and good mechanical properties that make it compatible with a wide variety of media. This transducer comes in both voltage and current output options and a variety of pressure ranges that cover gauge pressure from 0 to 700 psi.



SPECIFICATIONS

Accuracy: $\pm 0.5\%$

Compensated Temperature: 0 to 70 °C (32 to 158 °F)

Output Signal: 0.5 to 4.5 V or 4 to 20 mA

Zero Thermal Error: $\pm 0.02\%$ FS/°C

Over Pressure: 2×FS

Burst Pressure: 1,740 PSI

Power Supply: 5V DC for PX191 Models, 10 to 28V DC for PX192 Models

Output Signal: 0.5 to 4.5 V or 4 to 20 mA

Compensated Temperature: 0 to 70 °C (32 to 158 °F)

Storage Temperature: -20°~100° (-4 to 212 °F)

Insulation Resistance: =100MO@250V DC

Protection Rating: IP67

Electrical Connection: 19" (0.5m) long cable

† All amounts shown in USD
