

Industrial Pressure Transducers

Swagelok® industrial pressure transducers are available in two models: standard industrial and explosion-proof. All Swagelok stainless steel industrial pressure transducers offer a variety of electrical and process connections, output signals, pressure ranges, and engineering units.

Features

Integral Swagelok tube adapter connections

Accuracy 0.5 % of span limit point calibration (0.25 % of span best fit straight line)

Metal thin film and piezoresistive sensor technologies

Temperature compensation

Ingress protection IP65, 67, 68 (NEMA 4, 5)

Encapsulated electronics

Protection against reverse polarity, over voltage, and short circuit

CE compliance

Benefits

Fast and easy installation reduces assembly costs; leak-tight, positionable connection reduces inventory, lowers costs, and provides fewer potential leak points.

Reliable measurement readings provide more uptime, tighter process control, and higher yield.

Stable sensor technologies lead to lower maintenance costs and higher productivity; you do not have to reset or recalibrate the sensor.

Gain greater process control and confidence in measurements under varying conditions; no external signal conditioning is required.

Standard indoor and outdoor protection without other enclosures leads to lower overall cost.

Silicone potting material protects against mechanical shock, vibration, and moisture for a durable and reliable measurement.

Reduced potential for damage due to improper installation.

Protection against the effects of EMI (electromagnetic interference), ESD (electrostatic discharge), and RFI (radio frequency interference).



Swagelok®

Industrial Pressure Transducers

Two models are available to fulfill your pressure measurement requirements in analytical and process instrumentation, oil and gas, chemical/petrochemical, power, and many other general industrial applications.

S Model



Standard Industrial

- Variety of products to fulfill many general industry application requirements.
- Zero and span adjustable, internally



E Model



Explosion-Proof

- FM / CSA Approved explosion-proof for class I, division 1, groups A,B,C,D class III, division 1, groups E, F, and G class III, division 1
- Zero and span adjustable via Swagelok remote panel meter.



Attachable Indicator

S Model Only



- Local digital display of system pressure with S model transducers



Model PM Remote Panel Meter Display

Available for all models



- Compact remote digital display of system pressure



Swagelok