

INDUSTRIAL PRESSURE TRANSMITTER WITH 316 SS WETTED PARTS



PX764 Series

All Models
\$690

- ✓ 10:1 Turndown
- ✓ 316 SS Wetted Parts
- ✓ Gage and Absolute Pressure Models Available
- ✓ Zero Elevation or Suppression
- ✓ Pushbutton Zero and Span Adjustment
- ✓ Adjustable Damping
- ✓ Built-In LCD
- ✓ CE Approved

The PX764 is an industrial-grade, microprocessor-based pressure transmitter with all 316 SS wetted parts and a 2-wire 4 to 20 mA output. The built-in 4-digit LCD indicator can display the measured pressure in bar, psi, or percent of full scale. Parameters such as span, zero, and damping can be adjusted with the 2 pushbuttons on the digital display.

SPECIFICATIONS

Excitation: 11.5 to 30 Vdc

Power Supply Effect: Negligible between 11.5 and 30 Vdc

Relation Between Supply Voltage:

17 Vdc	250 Ω max
24 Vdc	576 Ω max
30 Vdc	844 Ω max

Output: 4 to 20 mA (2 wire)

Accuracy: ±0.17% of nominal range

Linearity: ±0.1% of nominal range

Repeatability: ±0.1% of nominal range

Hysteresis: ±0.1% of nominal range

Zero Adjustment: By pushbuttons

Span Adjustment: By pushbuttons

Operating Temperature:

Electrical: -20 to 80°C (-4 to 176°F)

Process Fluid: -20 to 90°C

(-4 to 194°F)

Storage Temperature: -20 to 90°C

(-4 to 194°F)



PX764-150GI, \$690, shown smaller than actual size.

Temperature Effect (% of Nominal Range):

Zero: ±0.01%/°C (0.006%/°F)
Span: ±0.01%/°C (0.006%/°F)

Relative Humidity: 0 to 100%

Digital Display: 4-digit LCD, 5 symbols (bar, mbar, psi, %, s)

Housing: Epoxy-coated cast aluminum alloy

Cover O-Ring: Buna-N

Wetted Parts: 316 SS

Filling Fluid: Silicone oil

Environmental Protection: IP66

Agency Approvals: Group II, class 1G, zone 0, 1, 2 – EN60079-10; EC type-examination certificate CESI 03 ATEX 208

Power Supply Parameters:

$U_i = 30$ Vdc

$I_i = 152$ mA

$P_i = 0.95$ W

$L_i = 135$ μH

$C_i = 10$ nF

CE Compliance: Conforms to EN 50081-2 in accordance with EN 50082-2 89/336/EEC

Process Connection: ½ MNPT

Electrical Connections: Screw terminals with two ½ NPT conduit ports

Weight: 1.4 kg (3.1 lb)

MOST POPULAR MODELS HIGHLIGHTED!

To Order (Specify Model Number)

MODEL NO.	PRICE	CALIBRATED RANGE (psi)	NOMINAL RANGE (bar)	COMPATIBLE METERS*
Gauge Pressure				
PX764-005GI	\$690	0 to 5	0 to 0.34	DP24-E, DP25B-E, DP41-E, iSeries
PX764-015GI	690	0 to 15	0 to 1	DP24-E, DP25B-E, DP41-E, iSeries
PX764-030G	690	0 to 30	0 to 2	DP24-E, DP25B-E, DP41-E, iSeries
PX764-060GI	690	0 to 60	0 to 4	DP24-E, DP25B-E, DP41-E, iSeries
PX764-150GI	690	0 to 150	0 to 10	DP24-E, DP25B-E, DP41-E, iSeries
PX764-400GI	690	0 to 400	0 to 27	DP24-E, DP25B-E, DP41-E, iSeries
Absolute Pressure				
PX764-005AI	\$690	0 to 5	0 to 0.34	DP24-E, DP25B-E, DP41-E, iSeries
PX764-015AI	690	0 to 15	0 to 1	DP24-E, DP25B-E, DP41-E, iSeries
PX764-030AI	690	0 to 30	0 to 2	DP24-E, DP25B-E, DP41-E, iSeries
PX764-060AI	690	0 to 60	0 to 4	DP24-E, DP25B-E, DP41-E, iSeries
PX764-150AI	690	0 to 150	0 to 10	DP24-E, DP25B-E, DP41-E, iSeries

Comes with complete operator's manual.

* See section D for compatible meters.

Ordering Example: PX764-150GI, 0 to 150 psi gage pressure transducer with 316 SS wetted parts, \$690.



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• Flow and Level

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Displacement Transducers, Dynamic Measurement Force Sensors, Instrumentation for Pressure and Strain Measurements, Load Cells, Pressure Gauges, Pressure Reference Section, Pressure Switches, Pressure Transducers, Proximity Transducers, Regulators, Strain Gages, Torque Transducers, Valves

• 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