

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: $\pm 0.17\%$ of nominal range

Linearity: $\pm 0.1\%$ of nominal range

Repeatability: $\pm 0.1\%$ of nominal range

Hysteresis: $\pm 0.1\%$ 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: $\pm 0.01\%/\text{°C}$ (0.006%/ $^{\circ}\text{F}$)

Span: $\pm 0.01\%/\text{°C}$ (0.006%/ $^{\circ}\text{F}$)

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:

$U_i = 30 \text{ Vdc}$

$I_i = 152 \text{ mA}$

$P_i = 0.95 \text{ W}$

$L_i = 135 \mu\text{H}$

$C_i = 10 \text{ nF}$

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

Process Connection: $\frac{1}{2}$ MNPT

Electrical Connections: Screw
terminals with two $\frac{1}{2}$ 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.

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

* See section D for compatible meters.



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