

INDUSTRIAL PRESSURE TRANSMITTER WITH ADJUSTABLE SPAN AND ZERO

PX762 Series

All Models
\$460



PX762-1.5K, \$460,
shown smaller
than actual size.



- ✓ 10:1 Turndown
- ✓ Zero Elevation or Suppression
- ✓ Pushbutton Zero and Span Adjustment
- ✓ Adjustable Damping
- ✓ Built-In LCD
- ✓ CE Approved
- ✓ ATEX Intrinsically Safe

The PX762 is an industrial-grade, microprocessor-based pressure transmitter with 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: ±0.21% of nominal range

Linearity: ±0.15% 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 80°C

(-4 to 176°F)

Storage Temperature: -20 to 90°C

(-4 to 194°F)

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

Covers: Reinforced technopolymers

Cover O-Ring: Buna-N

Wetted Parts: Aluminum oxide, 316 SS, FKM

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:

$U_i = 30 \text{ Vdc}$

$I_i = 152 \text{ mA}$

$P_i = 0.95 \text{ W}$

$L_i = 135 \text{ mH}$

$C_i = 10 \text{ nF}$

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: 0.85 kg (1.9 lb)

Recommended Reference Book:

Plant Design for Safety,

CM-4363, \$100.

See Section Y

For Additional Books



MOST POPULAR MODELS HIGHLIGHTED!

To Order (Specify Model Number)

MODEL NO.	PRICE	CALIBRATED RANGE (psi)	NOMINAL RANGE (bar)	COMPATIBLE METERS*
GAGE PRESSURE				
PX762-030GI	\$460	0 to 30	0 to 2	DP24-E, DP25B-E, DP41-E, iSeries
PX762-075GI	460	0 to 75	0 to 5	DP24-E, DP25B-E, DP41-E, iSeries
PX762-150GI	460	0 to 150	0 to 10	DP24-E, DP25B-E, DP41-E, iSeries
PX762-300GI	460	0 to 300	0 to 20	DP24-E, DP25B-E, DP41-E, iSeries
PX762-750GI	460	0 to 750	0 to 50	DP24-E, DP25B-E, DP41-E, iSeries
PX762-1.5KGI	460	0 to 1500	0 to 100	DP24-E, DP25B-E, DP41-E, iSeries
PX762-3KGI	460	0 to 3000	0 to 200	DP24-E, DP25B-E, DP41-E, iSeries
PX762-6KGI	460	0 to 6000	0 to 400	DP24-E, DP25B-E, DP41-E, iSeries
ABSOLUTE PRESSURE				
PX762-030AI	\$495	0 to 30	0 to 2	DP24-E, DP25B-E, DP41-E, iSeries
PX762-075AI	495	0 to 75	0 to 5	DP24-E, DP25B-E, DP41-E, iSeries
PX762-150AI	495	0 to 150	0 to 10	DP24-E, DP25B-E, DP41-E, iSeries

Comes complete with operator's manual.

* See section D for compatible meters.

Ordering Example: PX762-150GI, 0 to 150 psi gage pressure transducer, \$460.

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