

INDUSTRIAL PRESSURE TRANSMITTER

WITH ADJUSTABLE SPAN AND ZERO

PX762 Series

All Models
\$736

Technical
Books
Available
Online!

books1.com
omega.com

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

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 \wedge max

24 Vdc 576 \wedge max

30 Vdc 844 \wedge max

Output: 4 to 20 mA (2 wire)

Accuracy: $\pm 0.21\%$ of nominal range

Linearity: $\pm 0.15\%$ 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 80°C

(-4 to 176°F)

Storage Temperature: -20 to 90°C

(-4 to 194°F)

Temperature Effect

(% of Nominal Range):

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

Span: $\pm 0.01\%/^{\circ}\text{C}$ (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:

$U_i = 30$ Vdc

$I_i = 152$ mA

$P_i = 0.95$ W

$L_i = 135$ H

$C_i = 10$ 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: 0.85 kg (1.9 lb)



PX762-1.5K, \$736, shown smaller than actual size.

☐ MOST POPULAR MODELS HIGHLIGHTED!

To Order (Specify Model Number)				
MODEL NO.	PRICE	CALIBRATED RANGE (psi)	NOMINAL RANGE (bar)	COMPATIBLE METERS*
Gage Pressure				
PX762-030GI	\$736	0 to 30	0 to 2	DP24-E, DP25B-E, DP41-E, iSeries
PX762-075GI	736	0 to 75	0 to 5	DP24-E, DP25B-E, DP41-E, iSeries
PX762-150GI	736	0 to 150	0 to 10	DP24-E, DP25B-E, DP41-E, iSeries
PX762-300GI	736	0 to 300	0 to 20	DP24-E, DP25B-E, DP41-E, iSeries
PX762-750GI	736	0 to 750	0 to 50	DP24-E, DP25B-E, DP41-E, iSeries
PX762-1.5KGI	736	0 to 1500	0 to 100	DP24-E, DP25B-E, DP41-E, iSeries
PX762-3KGI	736	0 to 3000	0 to 200	DP24-E, DP25B-E, DP41-E, iSeries
PX762-6KGI	736	0 to 6000	0 to 400	DP24-E, DP25B-E, DP41-E, iSeries
Absolute Pressure				
PX762-030AI	\$736	0 to 30	0 to 2	DP24-E, DP25B-E, DP41-E, iSeries
PX762-075AI	736	0 to 75	0 to 5	DP24-E, DP25B-E, DP41-E, iSeries
PX762-150AI	736	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: PX762-150GI, 0 to 150 psi gage pressure transducer, \$736.

ACCESSORY

MODEL NO.	PRICE	DESCRIPTION
CM-4363	\$85	Reference Book: Plant Design for Safety

