



Miniature Pneumatic Pressure Transmitters

PT Series



- Low Cost, Linear 1:1 Repeater
- ± 0.1 psi Accuracy
- Ranges from 10 psi to 150 psi
- Anti-Clogging and Corrosion Resistant

The **PMC Miniature Pneumatic Pressure Transmitter (PT Series)** has been designed specifically for measuring pressures in paper mills and similar process industries where the plugging of gauges and seals is a particular concern. The small, 1" diameter of the transmitter permits installation to be flush with the inside wall of pipes 2" in diameter and larger. This flush fitting eliminates the usual pocketing problems encountered with conventional flange mounted pressure transmitters and chemical seals.

The **PMC Pneumatic Tank Level Transmitter (LT Series)** offers similar performance with packaging specifically designed to measure tank levels in paper mills and similar process industries where pulp or viscous materials are stored. Please refer to the appropriate data sheet for more information.

Electronic Versions Also Available

STANDARD SPECIFICATIONS

■ Full Scale Ranges (Zero Based)

100 psig is standard and well suited to most applications. 10, 15, 30, 60, & 150 psig ranges also available. Consult factory for other variations.

■ Accuracy

± 0.1 psig over range

■ Overpressure

Up to 250 psig or Full Vacuum

■ Operating Temperature Range

200°F Standard, 400°F available

■ Construction

All Stainless Steel Construction, 316L for wetted parts

■ Air Consumption

3 Standard Cubic Feet per Hour (0.085 m³/hr)

■ Installation

Stub 316L SS Weld-On Nipple furnished with each transmitter, Threaded Nipples also available for PT Series.

PMC adopts a continuous development program which sometimes necessitates specification changes without notice.

ORDERING INFORMATION

PT Series Miniature Pneumatic Pressure Transmitters

When ordering please specify the following:

MODEL PMC	
PT	SS Pneumatic Transmitter O-Ring style
Range	Specify psi, " WC, bar, absolute, gauge, etc.
O-Ring	
N	Buna N 200°F
Si	Silicone 400°F
V	Viton 400°F
EPDM	Ethylene Propylene 300°F
Diaphragm	
Hc	Hastelloy C
Temperature	
S	200°F
HT	400°F

(1) Select (2) Specify (3) Select (4) Select (5) Select

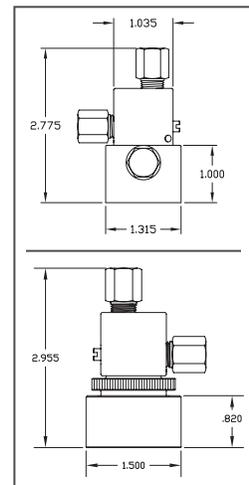
Order Code Example: PMC PT-100psig-N-Hc-S

- (1) Model: PMC PT- Pressure Transmitter
- (2) Range: 100 psi gauge
- (3) O-Ring Material: Buna N
- (4) Diaphragm Material: Hc
- (5) Temperature: Up to 200°F

OPTIONS

PMC offers a range of options, accessories, and variants for the Miniature Pressure Transmitter PT Series including the temperature and material options listed above and Stainless Steel adapters.

Contact PMC for other options and accessories



All measurements shown in inches



PMC-STs, Inc.
11 Old Sugar Hollow Road
Danbury, CT 06810 U.S.A.
Tel: 203-792-8686
Fax: 203-743-2051
sales@pmc1.com
www.pmc1.com

Represented By: