



PTP

Input

Pressure

Output

Analog

Pressure Sensor with Proportional Analog Current/Voltage Output

Three models of the PTP accept either a 3 to 15, 3 to 30, or 0 to minus 7.5 psig pneumatic pressure input and convert it to one of four proportional analog output ranges of 1-5, 2-10, 3-15 VDC or 4-20 mA which are jumper shunt selectable. The PTP is a positive current output device that is fully temperature compensated. A plugged gauge port is provided in the aluminum manifold for local mechanical indication via an optional 0 to 30 psi gauge.

The PTP is covered by ACI's Two (2) Year Limited Warranty. The warranty can be found in the front of ACI's Sensors & Transmitters catalog, as well as on ACI's web site, www.workaci.com.



Specifications

Supply Voltage	Regulated 24 VDC or 24 VAC, -6%/+10%		
Supply Current	50 mA maximum @ 24 VDC		
Output Voltage Range	1 to 5 VDC @ 250Ω minimum	2 to 10 VDC @ 500Ω minimum	3 to 15 VDC @ 750Ω minimum
Output Current Range	4 to 20 mA @ 500Ω maximum		
Accuracy	2% full scale at room temperature 3% full scale across operating temperature range		
Input Pressure Range (Factory Set)	3 to 15 psig (PTP 3-15), 3 to 30 psig (PTP 3-30) 0 to minus 7.5 psig (PTP 0 TO 7.5)		
Operating Temp/RH	32 to 120°F (0 to 48.9°C)/10 to 95% non condensing		

Ordering

Please select a Version (A) & one Gauge (B). Choose an Optional Accessory (1) if desired.

A Version

- ☐ **3-15** (3 to 15 psig)
☐ **3-30** (3 to 30 psig)
☐ **0 to -7.5** (0 to -7.5 psig)

B Gauge

- ☐ ---- (No Gauge) (Standard)
☐ **G** (Gauge) (0-30 psi) (206.85 kPa)

1 Optional Accessories

- ☐ ---- (None)
☐ **ENC1** (ENC1 Enclosure)
☐ **DRC** (Din Rail Mounting)

Build your part number

After completing (A) & (B) from the above table, fill in the Part Number Table below. (1) is an Optional Accessory. The "Sensor Series" is a factory default. An example part number is offered.

PTP

Sensor Series

A

B

EXAMPLE: PTP - 3-15 - G

1

EXAMPLE: DRC

