



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	B Gauge
<input type="radio"/> 3-15 (3 to 15 psig) <input type="radio"/> 3-30 (3 to 30 psig) <input type="radio"/> 0 to -7.5 (0 to -7.5 psig)	<input type="radio"/> ---- (No Gauge) (Standard) <input type="radio"/> G (Gauge) (0-30 psi) (206.85 kPa)

1 Optional Accessories

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

BUILD 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
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EXAMPLE: PTP3-15G

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EXAMPLE: DRC

