



## GP SERIES

### *Gage Pressure*

The GP Series has been designed to provide excellent accuracy and reliability in commercial, industrial, and process control applications. They feature a stainless steel construction with no o-rings, which makes them compatible with a wide range of gasses and liquids. All units are accurate to +/- 0.5% or +/- 1% of full scale. The GP pressure transmitter offers a combined repeatability, hysteresis, and non-linear factor that is typically below +/- 0.15% of full scale. These devices are both EMC compliant and reverse polarity protected. They may also be ordered mounted in an optional NEMA 4 rated enclosure.

The GP Series 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](http://www.workaci.com).



**SPECIFICATIONS**

Supply Voltage	+8-30 VDC
Output Signal	4 to 20 mA
Accuracy (Non-linearity, Hysteresis, Repeatability)	75 to 3000 psi: +/-0.5% of FSO   15 to 50 psi +/-1.00% of FSO
Thermal Error (-40°C to 105°C)	75 to 3000 psi: +/-0.5% of FSO   15 to 50 psi +/-1.00% of FSO
Stability	+/-1% FS
Operating Temperature Range	-40 to 221°F (-40 to 105°C)
Response Time	< 1ms
Burst Pressure	10X Full Scale or 15,000 PSI
Proof Pressure	3X Full Scale
Process Fitting	1/4"-18 NPT Male 304L Stainless Steel
Case	304L Stainless Steel
EMC Compliance	10 V/M (EN61000-4-3)
Product Dimensions	(L) 2.56" (W) 0.875" (H) 0.875"

**ORDERING**

Select one Pressure Range (A) & one Wiring Option (B). Please note that if "P" is selected as your Wiring Option (B), you must choose a Packard Harness Option listed below in chart (1). Enclosure (C) is for adding a NEMA 4 enclosure. All ranges below are PSIG Ranges. **NOTE:** For absolute pressure range availability, please contact ACI: 1-888-967-5224.

<b>A</b> Pressure Range	<b>B</b> Wiring Option	<b>C</b> Enclosure
<input type="radio"/> (0-15) (PSIG) <input type="radio"/> (0-100) <input type="radio"/> (0-300) <input type="radio"/> (0-1000) <input type="radio"/> (0-2000) <input type="radio"/> ---- (2 ft. Pigtail) (Default)	<input type="radio"/> ---- (None)	
<input type="radio"/> (0-50) (PSIG) <input type="radio"/> (0-200) <input type="radio"/> (0-500) <input type="radio"/> (0-1500) <input type="radio"/> (0-3000) <input type="radio"/> P (Packard Connector) (Complete (1) Below)	<input type="radio"/> N4 (NEMA 4)	

**1** Packard Harness Option (Additional Configuration, for harness only)

A/GP 6'HARNESS  
  A/GP 10'HARNESS  
  A/GP 20'HARNESS  
  A/GP 30'HARNESS

**BUILD PART NUMBER**

After completing (A), (B) & (C) from the above table, fill in the Part Number Table below. "Sensor Type" & "4 to 20 mA Output" are factory defaults. (1) is an additional configuration and should only be filled out if "P" was selected as a Wiring Option (B). An example part number is offered.

<b>GP</b>	(		)	-	<b>20</b>	-		-	
SENSOR TYPE		<b>A</b>			4 TO 20 MA OUTPUT		<b>B</b>		<b>C</b>

EXAMPLE: GP(0-100) - 20 - P

**1**

EXAMPLE: GP(0 - 100) - P (Sensor) + A/GP 30' HARNESS (Harness)

