



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 gases and liquids. All units are accurate to $\pm 0.5\%$ or $\pm 1\%$ of full scale. The GP pressure transmitter offers a combined repeatability, hysteresis, and non-linear factor that is typically below $\pm 0.15\%$ 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 an industry-leading Two (2) year warranty, which can be found on our OEM's web site, which is 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.

A Pressure Range

☐ (0-15) (PSIG)
 ☐ (0-100)
 ☐ (0-300)
 ☐ (0-1000)
 ☐ (0-2000)
 ☐ (0-50) (PSIG)
 ☐ (0-200)
 ☐ (0-500)
 ☐ (0-1500)
 ☐ (0-3000)

B Wiring Option

☐ ---- (2 ft. Pigtail) (Default)
 ☐ P (Packard Connector) (Complete (1) Below)

C Enclosure

☐ ---- (None)
 ☐ N4 (NEMA 4)

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

☐ R/GP 6' HARNESS
 ☐ R/GP 10' HARNESS
 ☐ R/GP 20' HARNESS
 ☐ R/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.

GP	—	—	20	—	—
SENSOR TYPE	A	4 TO 20 MA OUTPUT	B	C	

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

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

