

## Gage Pressure **I-GP**



# I-GP Series

### *Gage Pressure*

The I-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  $\pm 0.5\%$  or  $\pm 1\%$  of full scale. The I-GP pressure transmitter offers a combined repeatability, hysteresis, 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.

## 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 Enclosure Option (B). A Sensor Type (GP) & Output (4 to 20 mA) have been selected. 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 Range)  
☐ (0-50) (PSIG Range)

☐ (0-100)  
☐ (0-200)

☐ (0-300)  
☐ (0-500)

☐ (0-1000)  
☐ (0-1500)

☐ (0-2000)  
☐ (0-3000)

### B Enclosure

☐ ---- (No Enclosure)  
☐ N4 (NEMA 4)

## Build your part number

After completing (A) from the above table, fill in the Part Number Table below. "Sensor Type" & "4 to 20 mA Output" are factory defaults. An example part number is offered.

**I-GP**
**20**

Sensor Type

**A**

4 to 20 mA Output

**B**

EXAMPLE: I-GP (0-100) - 20 - N4

