

*Gage Pressure Transmitter*



**ACI/GP**



**Product Description**

The ACI/GP is a two-wire, 4-20 mA gage pressure transmitter. These units have been designed to provide excellent accuracy and reliability in typical industrial grade environments. Some of the most common applications include:

- HVAC and Refrigeration Equipment
- Pumps and Compressor Control
- Industrial Engines
- Hydraulic Systems
- Level Depth Instrumentation

The ACI/GP pressure transmitters are compatible with a wide range of gases and liquids such as air, water, freons, hydraulic oil, ammonia, steam and many others. They are available in ranges from 0 to 15 up to 0 to 5000 PSIG. Other ranges may be available upon request.

All units are accurate to  $\pm 0.25\%$  of Full Scale (includes non-linearity, hysteresis, and repeatability). The ACI/GP pressure transmitter offers a combined repeatability and hysteresis factor that is typically below  $\pm 0.15\%$  of full scale. The GP pressure transmitters are both RFI and Reverse Polarity Protected.

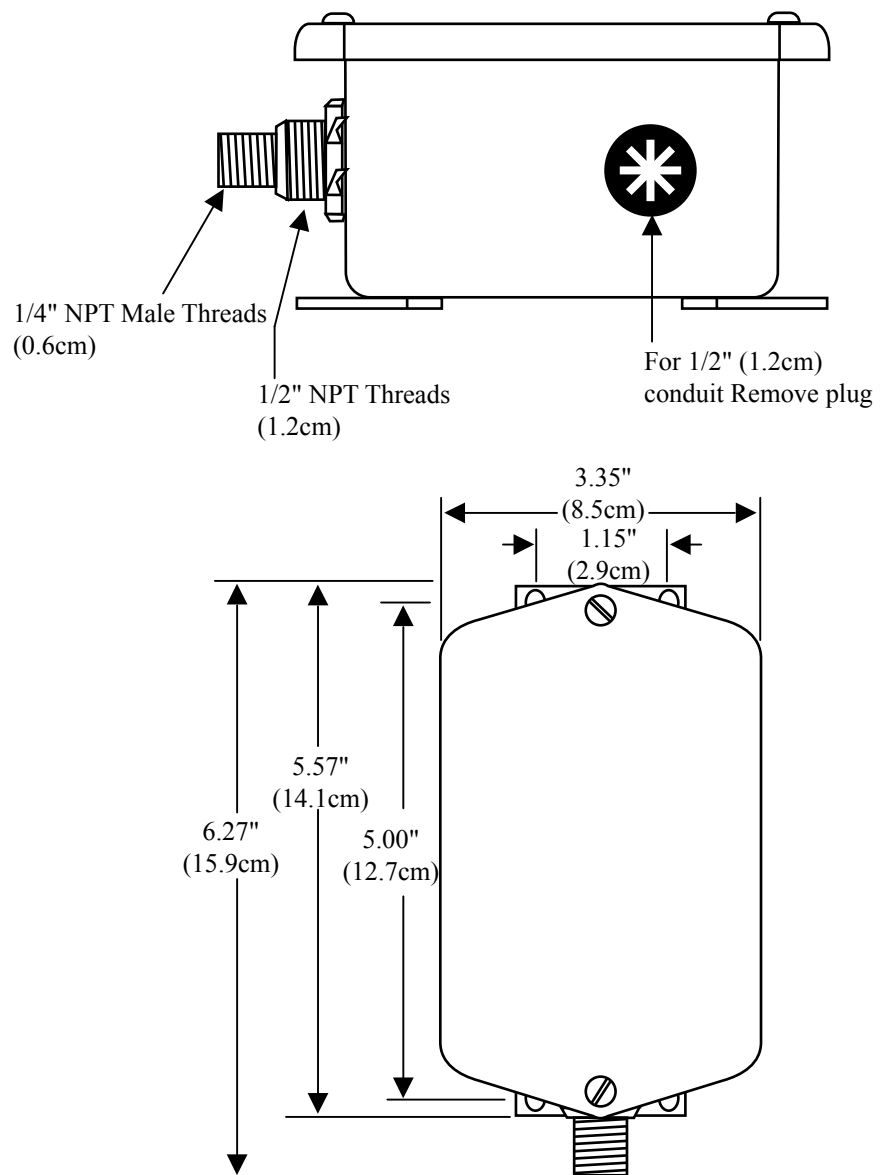
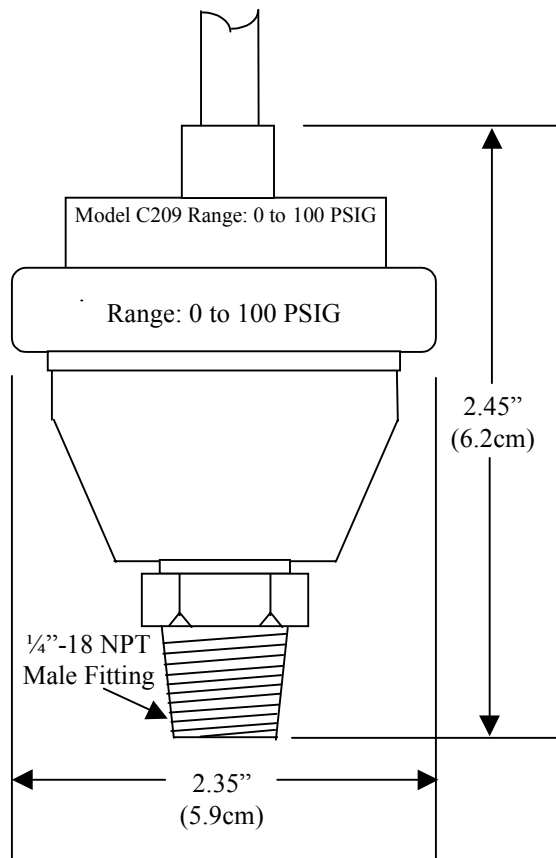
The pressure port is a 1/4"-18 NPT Male fitting made of 17-4 PH Stainless Steel. Each unit is approximately 2.45" inches long and weighs approximately 3.3 ounces. A 2' shielded cable is supplied for making all of the proper connections. The ACI/GP may be ordered in an optional NEMA 4 rated enclosure.

All units come with a two year factory warranty. Please contact ACI for further information regarding this product.

**Product Specifications**

<b>Supply Voltage</b>	+12 to 24VDC (Unregulated)	<b>Accuracy</b>	$\pm 0.25\%$ of Full Scale Output
<b>Compensated Temp. Range</b>	4 to 212°F (-20 to 100°C)	<b>Non-Linearity</b>	$\pm 0.22\%$ Full Scale
<b>Operating Temp. Range</b>	-40 to 257°F (-40 to 125°C)	<b>Hysteresis</b>	0.10% Full Scale
<b>Output Signal</b>	4 to 20 mA, (2-wire)	<b>Stability</b>	(1 year) 0.5% Full Scale / Year
<b>External Load</b>	0 to 800 Ohms	<b>Non-Repeatability</b>	0.05% Full Scale
<b>Process Fitting</b>	1/4"-18 NPT Male 17-4 PH S.S.	<b>Case</b>	Stainless Steel and Valox

## Dimensions



## Ordering Information

A/GP - [ ]

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Pressure Range

**0-15 psig**

**0-50 psig**

**0-100 psig**

**0-200 psig**

**0-500 psig**

**0-1000 psig**

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Housing

**NEMA 4 (optional)**

### Pressure Ranges

<u>Gage psig</u>	<u>Proof psig</u>	<u>Burst psig</u>
0-15	40	400
0-50	100	750
0-100	200	1000
0-200	500	2000
0-500	1000	3000
0-1000	2000	5000

**Example:** A/GP (0-50) or A/GP (0-100) -NEMA4

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