

Gage Pressure Transmitters

Model ACI/GP

Design Features

- Two wire, 4-20mA output
- $\pm 0.25\%$ Accuracy
- 4-20mA output
- Wide range of pressures
- High overpressure capability



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

The ACI/GP pressure transducers are compatible with a wide range of gases and liquids. 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 pressure transmitter offers a combined repeatability and hysteresis factor that is typically below $\pm 0.15\%$ of full scale. The pressure transducers 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. A 2' shielded cable is supplied for making all of the proper connections.

Specification

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

Due to ongoing research and product improvement, specifications are subject to change without notice.

