Exicon

Gage Pressure Transmitters

Design Features

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

Model ACI/GP



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 +/-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 +/-0.15% of full scale. Te 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

Control

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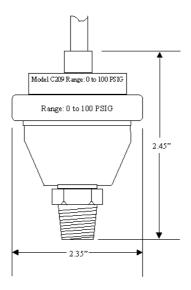
Supply Voltage	+12 to 24 VDC (Unregulated)	Accuracy	+/-0.25% of full
			scale
Compensated Temp.	4 to 212 (-20 to 100)	Non-Linearity	+/-0.22% of full
			scale
Operating Temp.	-40 to 257 (-40 to 125)	Hysteresis	0.10% full scale
Output Signal	4 to 20mA, (2-wire)	External Load	0 to 800 Ohms
Non-Repeatability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

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

Pressure sensors and switches

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Dimensions

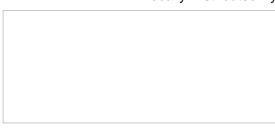


Pressure Ranges

Gas psig	Proof psig	Burst psig
0-15	40	400
0-50	100	750
0-100	200	1000
0-200	500	2000
0-500	1000	3000
0-1000	2000	5000

Order Information

Locally Distributed By



ACI-GP-2003-7-19

Excellence in Control