



Product Data

A/GP Series Gage Pressure Transducer

Product Description

The A/GP is a two-wire, 4-20 mA gage pressure transducer. These units have been designed to provide excellent accuracy and reliability in commercial, industrial, and process control applications.

The A/GP pressure transducers are compatible with a wide range of gases and liquids. They are available in ranges from 0 to 15 PSIG up to 0 to 3000 PSIG. Other options and ranges may be available upon request and might have a minimum order quantity.

All units are accurate to +/- 0.5% or +/- 1% of full scale. The A/GP pressure transmitter offers a combined repeatability, hysteresis, and non-linear factor that is typically below +/- 0.15% of full scale. The A/GP pressure transducers are both EMC compliant and Reverse Polarity Protected.

The pressure port is a 1/4"-18 NPT Male fitting made of 304L stainless steel. Each unit is approximately 2.60" inches long and weighs approximately .206lbs (.093Kg). A 2' shielded cable is supplied for making all of the proper connections. All of the transducers may also be ordered mounted in an optional NEMA 4 rated enclosure.

Product Specifications

Supply Voltage	+8-30VDC
Output Signal	4 to 20mA
Accuracy (Non-linearity, Hysteresis, Repeatability)	75 to 3000 psi: +/- 0.5% of FSO 15 to 60 psi: +/- 1.00% of FSO
Thermal Error	75 to 3000 psi: +/- 0.5% of FSO 15 to 50 psi: +/- 1.00% of FSO
Stability	+/-1% FS
Operating Temp. Range	-40 to 221°F (-40 to 105°C)
Response Time	< 1ms
Burst Pressure	3X Full Scale
Proof Pressure	3X Full Scale
Process Fitting	1/4"-18NPT Male 304L Stainless Steel
Case	304L Stainless Steel
EMC Compliance	100 V/M
Weight	< 0.206 lbs. (0.093Kg)

Wiring Diagrams available at www.workaci.com/instructions.htm
C0000047 Rev 2.pdf

Gage Pressure



Attributes:

- +/-1% FS Accuracy entire operating Temp. range
- Laser-welded stainless steel design (No O-Rings)
- Compatible with wide range of gases and liquids
- CE compliant

Applications:

- HVAC and Refrigeration Equipment
- Pump and Compressor Control
- Industrial Equipment
- Hydraulic Systems
- Level Depth Instrumentation
- Process Control



Made in the **USA**

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DISPLAYS

TEMPERATURE

RELATIVE HUMIDITY

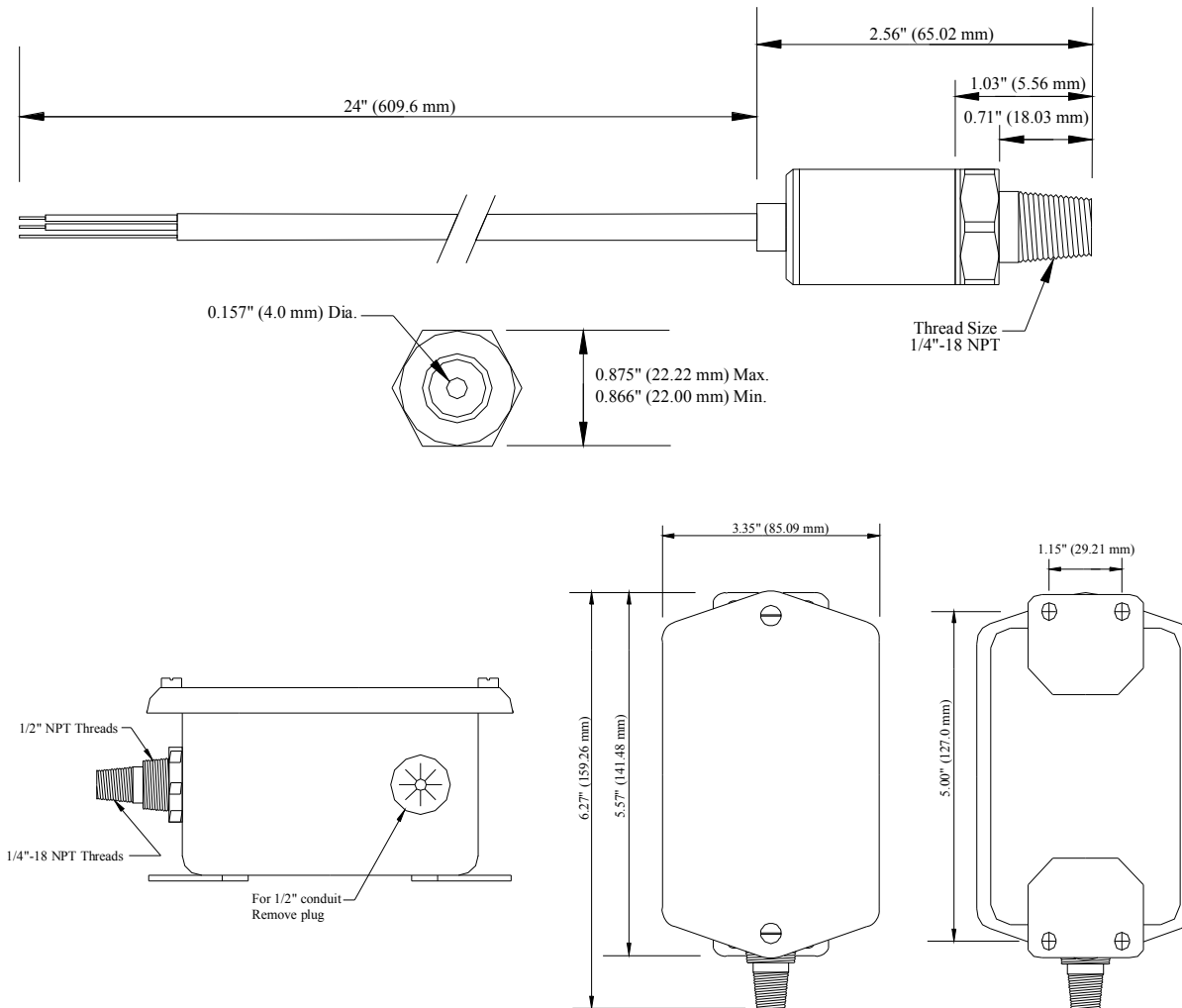
PRESSURE

CURRENT

AIR QUALITY

ACCESSORIES

Dimensions



Ordering Information

Pressure Range	Enclosure Option	Output Signal
A/GP - []	- []	- []
(15) 0-15 psig	() No NEMA 4 Enclosure (Std)	(20) 4 to 20mA
(50) 0-50 psig	(4) Mounted in NEMA 4 Enclosure(Optional)	
(100) 0-100 psig		
(200) 0-200 psig		
(300) 0-300 psig		
(500) 0-500 psig		
(1000) 0-1000 psig		
(1500) 0-1500 psig		
(2000) 0-2000 psig		
(3000) 0-3000 psig		

Example: A/GP-50-20 or A/GP-50-4-20 or A/GP-50-20 or A/GP3000-4-20

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