

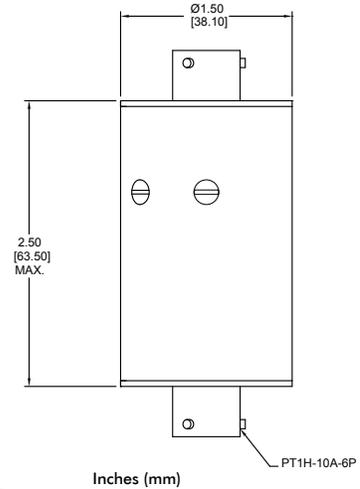
## MODEL GP25

### IN LINE SIGNAL CONDITIONER, AMPLIFIER



**STANDARD WIRING**  
(Other options available)

PIN	Function VDC Output	Function 4-20mA Output
A/1/RED	+Exc	+Exc/Sig
B/2/GRN	+Sig	NC
C/3/WHT	NC	NC
D/4/BLK	-Exc/Sig	-Exc/Sig
E/5/BLU	NC	NC
F/6/BRN	NC	NC



**REF DIMENSIONS ONLY.  
CONSULT FACTORY FOR ACTUAL DIMENSIONS.**

#### PRODUCT OVERVIEW:

The GP25 series is a reliable, in-line signal conditioner with a broad range of excitation and output options. The sealed, all welded SST housing provides remote signal conditioning for use in high temperature or cryogenic applications where the electronics can be remotely mounted out of the extreme temperatures. This allows the sensing element to be mounted in the process (-320 to 400 °F) and remotely mount the electronics within a -40 to +250 °F environment.

#### FEATURES:

- In-Line Signal Conditioning
- Hermetically sealed SST housing
- EMI/RFI protection
- 1" and 1.5" diameter
- Zero and span adjustment (1.5" diameter housing)
- Optional electrical connections

#### APPLICATIONS:

- Provides amplified output for mV sensors
- Provides remote electronics for High Temp or Cryogenic applications

#### OPTIONS:

- Zero and Span adjust (1.5" Can housing)
- Dual pressure and temperature circuits
- RFI & Surge suppression options
- Shunt calibration
- Variety of input and output connections

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## REFERENCE SPECIFICATIONS

(Standard configurations shown, consult factory for other options)

ELECTRICAL	
Output Signal/ Supply Voltage:	4-20mA/9-36 Vdc 0-5Vdc/9-36 Vdc
Digital Output/ Supply Voltage	RS-232, RS-485 or CANbus/8-30 Vdc USB/4.5 to 5.25 Vdc
Output Impedence:	350 to 5000 $\Omega$

MATERIALS OF CONSTRUCTION	
Housing:	316 SST

MECHANICAL	
Electrical Connector:	PTIH-10-6P SST
Zero & Span:	Potentiometer adjust, removable cover screw with o-ring sealed
Size:	1" or 1.5" diameter available
Approximate Weight:	5 Oz.

THERMAL SPECIFICATIONS	
Operating Ambient:	-40 °F to +250 °F (-40 °C to +121 °C)

PERFORMANCE CHARACTERISTICS @ 70 °F	
Typical Current Draw:	Vdc Output: <8mA 4-20 mA: 20 mA Digital Output: Varies 40-80 mA
Zero & Span Adjust:	$\pm$ 10% FSO

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