



IN LINE SIGNAL CONDITIONER, AMPLIFIER

MODEL GP25

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

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.

FIELD OPTIONS:

- Zero and Span adjust (1.5" Can housing)
- Dual pressure and temperature circuits
- FM, CSA ATEX, IEC Intrinsically Safe options
- RFI & Surge suppression options
- Shunt calibration
- Variety of input and output connections



GP25

In Line Signal Conditioner, Amplifier

GP:50 MODEL GP25

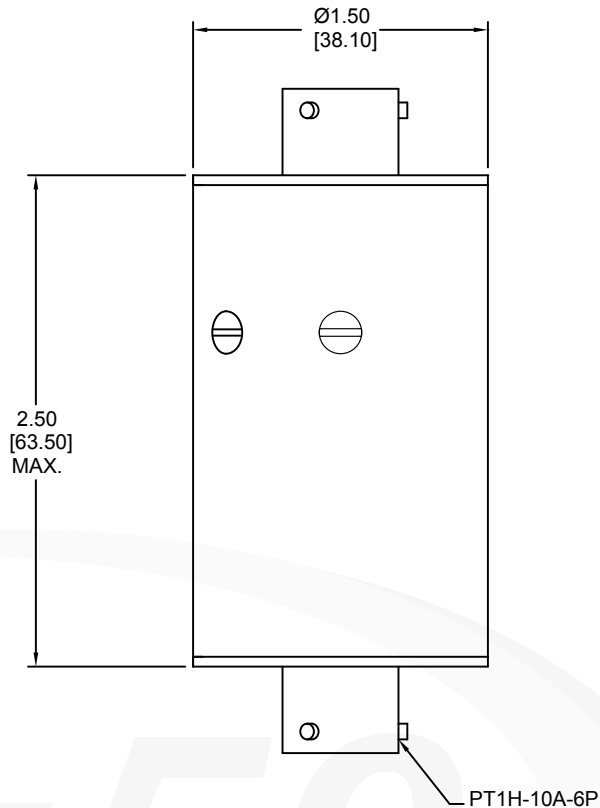
DIMENSIONAL DRAWING

All dimensions are in inches (mm)

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



REFERENCE SPECIFICATIONS

ELECTRICAL

- **Output Signal/Supply Voltage:**
4-20ma: 2-Pin 9-36 Vdc
0-5Vdc: 3-Pin or 4-Pin Non-Isolated: 9-36 Vdc
4-Pin Isolated: 9-32 Vdc
- **Digital Output/Supply Voltage:**
RS-232, RS-485 or CANbus: 8-30 Vdc
4.5 to 5.25 Vdc through USB
- **Output Impedance:** 350 to 5000 ohms

MATERIALS OF CONSTRUCTION

- **Housing:** 316 SST

MECHANICAL

- **Electrical Connector:** PT1H-10-6P SST
- **Zero & Span:** Potentiometer adjust, removable cover screw with o-ring sealed
- **Size/Weight:** 1" or 1.5" diameter available

THERMAL SPECIFICATIONS

- **Operating Ambient:** -40 °F to 250 °F (-40 °C to 121 °C)

PERFORMANCE CHARACTERISTICS @ 70 °F

- **Typical current draw:**
VDC Output: <8 mA
4-20mA: 20mA
Digital Output: Varies 40-80 mA
- **Zero & Span Adjust:** +/-10% FSO

**Standard configurations shown.
Please consult factory for other options.**

All specifications are for reference purposes only. In the interests of continuous product improvement, all specifications are subject to change without notice. Please contact GP:50 for assistance with your application.

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