MODEL 350

FEATURES:

- Zero Internal Dead Volume
- Pressure Ranges: 0-3000 thru 0-75K PSI
- 0-5 VDC, 4-20mA, HART, Modbus, CANbus
- Rated for Autoclave or CIP operation
- Field adjustable Zero & Span
- Optional wetted parts: 316 SST, Inconel, or 17-4 PH SST

APPLICATIONS:

- Chromatography
- Pharmaceutical
- Biotech
- Homogenizing
- Food processing
- High purity type applications

PRODUCT OVERVIEW:

The Model 350 from GP:50 is a flow-thru pressure transmitter with a unique one-piece design. This flow-thru design provides a zero internal dead volume eliminating the need for tee’s or dead ended process connections. This design removes the possibility of trapped media or contamination and allows for a clean in-place device, providing for a sanitary, in-line solution.

OPTIONS:

- Process Ports: Autoclave, NPT, or O-Ring Seal
- Electrical Connections
- High-temp operation to 350 °F
- Digital Output: HART, Modbus, CANbus, USB
### ELECTRICAL

- **Supply Voltage:** 9.0 to 36 Vdc  
  (Some options may affect excitation)
- **Output Signal:**  
  (Model 250) 0 to 5 VDC, 0 to 10 Vdc  
  (Model 350) 4-20 mA  
  (Other outputs available, consult factory)
- **Circuit Protection:** RFI, EMI & Reverse Polarity Protected  
  **Response Time:** <3 ms 10% to 90%

### MECHANICAL (Options may affect specs)

- **Process Connection:**  
  ≤10K PSI (≤ 689 BAR) ¼” NPT (F)  
  20K-60K PSI (1,379 to 4,137 BAR): Autoclave type F-250-C  
  65K-75K PSI (4,482 to 5,171 BAR): Autoclave type F-312C150
- **Electrical Connection:** Amphenol PTIH-10-6P connector or equivalent  
  **Proof Pressure:** 1.2X FSO  
  **Proof Pressure:** 1.2X FSO or 120K PSI (8,274 BAR) (whichever is less)  
  **Burst Pressure:** 2X FSO or 120K PSI (8,274 BAR), whichever is less  
  **Weight:** 10 oz. (0.3 kg) nominal (options may increase weight)  
  **Installation Effect:** ±1.0% FSO  
  (Zero Adjust can null)

### PRESSURE RANGES

- 0 to 3000 thru 0-75K PSI (207 BAR thru 5,171 BAR)

### THERMAL SPECIFICATIONS

- **Compensated:** 0 °F to +180 °F (-17.7 °C to +82 °C)
- **Operating Temperature:** -65 °F to +250 °F (-54 °C to +121 °C)
- **Storage:** -65 °F to +250 °F (-53 °C to +121 °C)
- **Effect on Zero/Span:** ±1.0% FSO/100 °F  
  (Optional Compensation: -40 °F to +250 °F (-40 °C to 121 °C))

- Improved or expanded temperature compensation available

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**REFERENCE SPECIFICATIONS**

**DIMENSIONAL DRAWING**

All dimensions are in inches (mm)

**CONSULT FACTORY FOR OTHER OPTIONS**