MODEL 240/340-IM

FEATURES:
- Flush faced sensor minimizes media plugging and damage
  - Compact 1” diameter
  - Rugged, all-welded stainless steel design
  - No zero offset from installation
  - 5X proof pressure

APPLICATIONS:
- Wastewater treatment
- Onboard vehicles
- Skidded systems
- Sludge and slurries
- Adhesives and paints
- Pump suction and discharge lines of blender and Frack trucks
- Corrosive and higher viscosity media

PRODUCT OVERVIEW:
The Model 40-IM series from GP:50 is a flush face mounted industrial pressure transmitter. It is expressly designed for higher viscosity media, particularly where such media can otherwise clog or damage traditional non-flush port sensor designs. The rugged, all-welded, Inconel design of the 40-IM series allows for greater compatibility with corrosive media. No zero offset is caused during sensor installation.

FIELD OPTIONS:
- Direct NPT or flanged process mounting
- Select electrical connectors
- 4-20 mA or 0-5Vdc output

AVAILABLE APPROVALS:
- ATEX & IEC Hazardous approvals
- FM & CSA Pending

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FLUSH MOUNT PRESSURE TRANSMITTER

A5SL-067 REV-A
**DIMENSIONAL DRAWING**

All dimensions are in inches (mm)

**ELECTRICAL**
- **Supply Voltage:** 9.0 to 40 Vdc
- **Output Signal:** 4-20 mA
- **Load Impedance:** 1,350 Ω max. at 36 Vdc and 750 Ω max. Vdc
- **Zero Balance:** ±2% FSO at 70 °F
- **Insulation Resistance:** > 10 MΩ at 50 Vdc and 70 °F
- **Connection:** 1/2" NPT (M) conduit with 36" cable leads or 6-pin connector (PTIH-10-6P)

**MATERIALS OF CONSTRUCTION**
- **Wetted Parts:** Inconel 718
- **Housing:** 316 stainless steel

**STATIC ACCURACY (RSS)** (Hysteresis, Non-Linearity & Repeatability @ +70 °F)
- **Standard:** ±0.5% FSO
- **Improved:** ±0.2% FSO

**MECHANICAL**
- **Process Connection:** 1/2" NPT (M)
- **Pressure Ranges:** 0-75 thru 0-750 PSI (5 thru 52 BAR) gauge, sealed gauge, absolute
- **Proof Pressure:** 2X FSO or 2K PSI (138 BAR), whichever is less (Optional 5X)
- **Burst Pressure:** 5X FSO 3.5K PSI (242 BAR), whichever is less
- **Environmental:** Design to meet IP67 (Some options may affect this. Consult factory if critical.)

**TEMPERATURE**
- **Compensated:** 0 °F to +180 °F (-18 °C to +82 °C)
- **Maximum Operating:** -50 °F to +250 °F (-46 °C to +121 °C)
- **Effect on Zero/Span:** < ±2.0% FSO/100 °F

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

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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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