

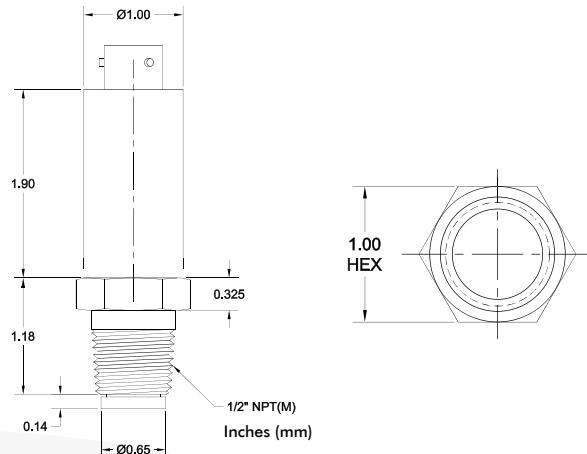
MODEL 340-IM

FLUSH MOUNT PRESSURE TRANSDUCER



WIRING CONFIGURATION

PIN	DESCRIPTION
A	+EXC/SIG
B	-EXC/SIG
C	N/C
D	N/C
E	N/C
F	CASE GND



REF DIMENSIONS ONLY.
CONSULT FACTORY FOR ACTUAL DIMENSIONS.

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.

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:

- Rig safety systems
- Well head control
- Gas pipeline
- Control panels
- On-board transmission & engine monitoring

OPTIONS:

- ATEX & IEC Hazardous Approvals*
(FM & CSA Pending)
- Direct NPT or flanged process mounting
- Select electrical connectors
- 0-5Vdc output

*For details of available approvals go to:
<https://www.gp50.com/certifications>

GP:50 MODEL 340-IM

REFERENCE SPECIFICATIONS

(Standard configurations shown, consult factory for other options)

ELECTRICAL		MECHANICAL	
Output Signal:	4-20 mA	Process Connection:	1/2" NPT (M)
Excitation Voltage:	9.0 to 40 Vdc	Electrical Connection:	1/2" NPT (M) conduit with 36" cable leads or 6-pin connector (PTIH-10-6P)
Load Impedance:	1,350 Ω max. at 36 Vdc and 750 Ω max. Vdc	Proof Pressure:	2X FSO or 2K PSI (138 BAR), whichever is less (Optional 5X)
Insulation Resistance:	> 10 MΩ @ 50 Vdc and +70 °F	Burst Pressure:	5X FSO 3.5K PSI (242 BAR), whichever is less
Circuit Protection:	RFI, EMI and reverse polarity	Environmental:	Designed to meet IP67 (Some options may affect this. Consult factory if critical.)
Response Time:	<5 ms 10% to 90%	Approximate Weight:	<0.5lb (225g)
MATERIALS OF CONSTRUCTION		PRESSURE RANGES	
Wetted Parts:	Inconel 718	0 to 75 thru 0 to 750 PSI (5 thru 52 BAR) Gauge, Sealed Gauge, Absolute	
Housing:	316 Stainless Steel	THERMAL SPECIFICATIONS	
ACCURACY (BFSL): Non-Linearity @ +70 °F		Operating Range:	-50 °F to +250 °F (-46 °C to +121 °C)
Standard:	±0.5%	Compensated Range:	0 °F to +180 °F (-17.8 °C to +82 °C)
Improved:	±0.2%	Storage Ambient:	-65 °F to +250 °F (-53 °C to +121 °C)
Zero & Span Balance:	±2% FSO at +70 °F	Effect on Zero/Span:	±2.0% FSO/100 °F

OIL & GAS