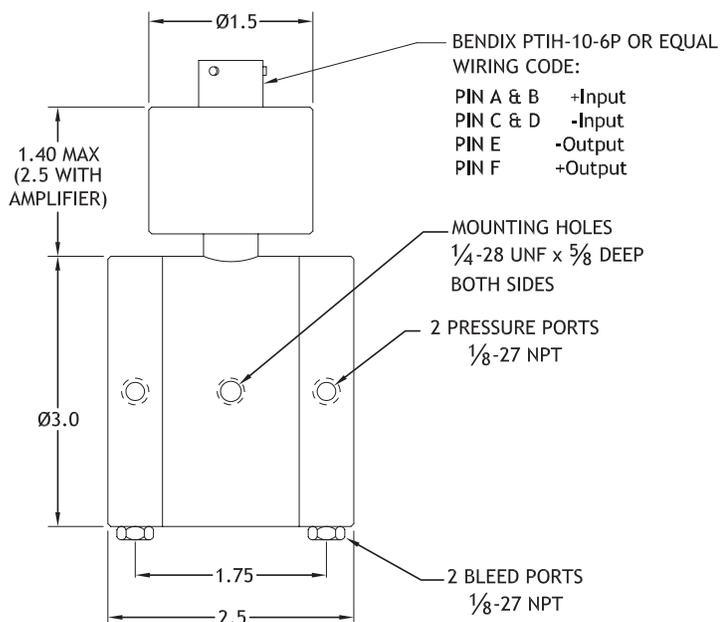


## Differential Pressure Transducer

Model XPDM



max.  
750 psid



All dimensions are in inches, unless otherwise noted. Also available in metric units.

**Measuring ranges**

- 0-50 to 0-1,500 psid

**Features**

- High Accuracy
- High Overrange Capability
- Wide Operating Temperature
- All Stainless Construction

**Options**

- Amplified Output Available (voltage or current)
- Various Electrical Connections
- Various Pressure Ports
- Various Wetted Parts Materials
- High Line Pressure

**Drawing**

- 99-5550-0000

PERFORMANCE SPECIFICATIONS (FSO is Full Scale Output)		Capacity (psid)	Ordering Example
EXCITATION	10 VDC (15 VDC Max)	50	XPDM-050D
OUTPUT	2 mV/V	100	XPDM-100D
RESOLUTION	Infinite	750	XPDM-750D
ACCURACY	0.25%		
LINEARITY	±0.15% FSO (typ.)		
HYSTERESIS	±0.10% FSO (typ.)		
NON REPEATABILITY	±0.05% FSO (typ.)		
OPERATING TEMP RANGE	-65 to +250°F		
COMPENSATED TEMP RANGE	+60 to +160°F		
THERMAL EFFECTS			
on Zero	±0.50% FSO/100°F		
on Span	±0.50% Reading/100°F		
ELECTRICAL TERMINATION	PTIH-10-6P or equal		
SAFE OVERLOAD (EITHER SIDE)	1,500 psi		
MAX LINE PRESSURE	1,500 psi		
MATERIAL/WETTED PARTS	17-4 PH Stainless Steel		