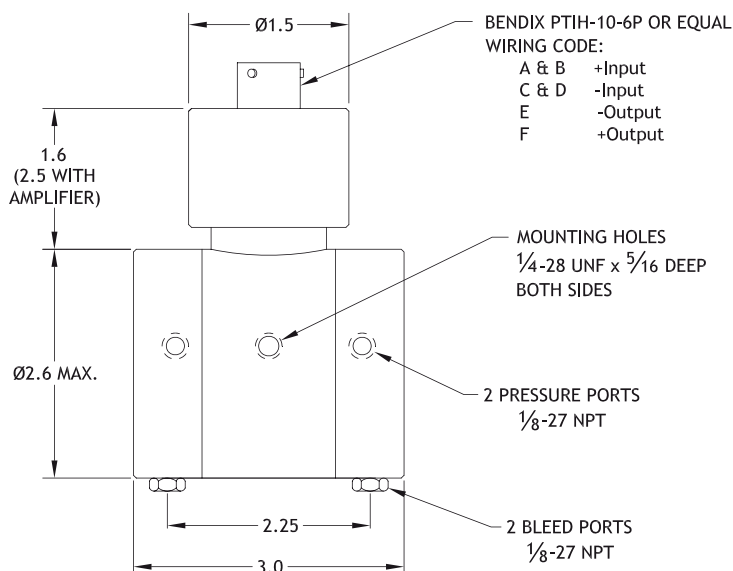


Differential Pressure Transducer

Model XPDL



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

PERFORMANCE SPECIFICATIONS (FSO is Full Scale Output)		Capacity (psid)	Ordering Example
EXCITATION	10 VDC (15 VDC Max)	0.5	XPDL-0.5D
OUTPUT		1	XPDL-001D
0-0.5 psid	1.0 mV/V	2	XPDL-002D
0-1 to 0-4 psid	1.5 mV/V	5	XPDL-005D
0-5 to 0-30 psid	2.0 mV/V	10	XPDL-010D
ACCURACY	$\pm 0.25\%$ FSO	15	XPDL-015D
LINEARITY	$\pm 0.15\%$ FSO	25	XPDL-025D
HYSTERESIS	$\pm 0.10\%$ FSO	30	XPDL-030D
REPEATABILITY	$\pm 0.05\%$ FSO		
OPERATING TEMP RANGE	+30 to +190°F		
COMPENSATED TEMP RANGE	+30 to +130°F		
THERMAL EFFECTS			
on Zero	$\pm 0.50\%$ FSO/100°F		
on Span	$\pm 0.50\%$ Reading/100°F		
SAFE OVERLOAD	1,500 psi		
MAX LINE PRESSURE	1,500 psi		
BRIDGE RESISTANCE	350 Ohms		
INSULATION RESISTANCE	5,000 MOhms at 50 VDC max		
STRAIN GAGE TYPE	Bonded foil		
MATERIAL/WETTED PARTS	316 Stainless Steel		
MATERIAL/CASING	Stainless Steel		



max.
30 psid



Measuring ranges

- 0-0.5 to 0-30 psid



Features

- Low Ranges Available
- High Accuracy
- High Overrange Capability
- All Stainless Construction



Options

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



Drawing

- 99-5622-0000