

# Compression Pancake Load Cell (One Size - All Ranges)

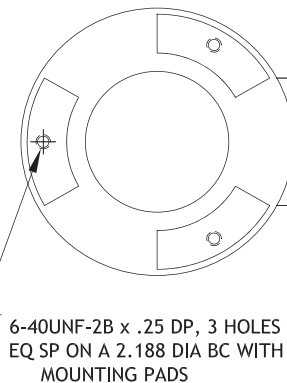
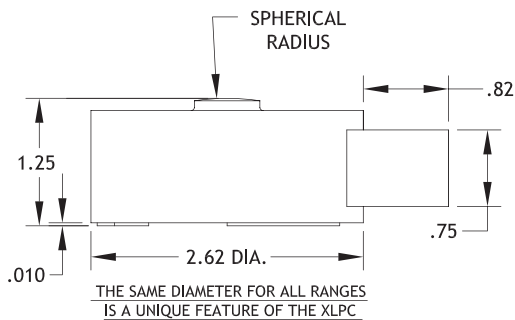
## Model XLPC



max.  
10,000  
lbs



Force



CONNECTOR #2, FOR DUAL BRIDGE OPTION ONLY  
(ADD "-DB" TO END OF P/N)

BENDIX PTIH-10-6P OR EQUAL  
WIRING CODE/Connector:  
PIN A +Output  
PIN B -Output  
PIN C & E -Input  
PIN D & F +Input

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



### Measuring ranges

- 0-25 to 0-10,000 lbs



### Features

- Compression Only
- High Accuracy
- Compact Size
- All Capacities in one Envelope
- Ease of Installation
- Welded Stainless Construction



### Options

- Dual Bridge
- Bridge Resistance
- Inline Amplifier
- Integral Cable



### Drawing

- 99-3456-0000

PERFORMANCE SPECIFICATIONS (FSO is Full Scale Output)		Capacity (lbs)	Ordering Example
EXCITATION	10 VDC, 15 VDC max	50	XLPC-0050
OUTPUT	3 mV/V $\pm$ 0.25% FSO	1,000	XLPC-001K
BRIDGE RESISTANCE	350 Ohms	10,000	XLPC-010K-DB (Dual bridge option)
LINEARITY			
3,000 lbs & below	$\pm$ 0.13% FSO		
above 3,000 lbs	$\pm$ 0.10% FSO		
HYSTERESIS			
3,000 lbs & below	$\pm$ 0.12% FSO		
above 3,000 lbs	$\pm$ 0.10% FSO		
REPEATABILITY	$\pm$ 0.05% FSO		
ZERO BALANCE	$\pm$ 1.0% FSO		
OPERATING TEMP RANGE	-65 to +260°F (-54 to +127°C)		
COMPENSATED TEMP RANGE	+60 to +160°F (+15 to +71°C)		
THERMAL EFFECTS			
on Zero	$\pm$ 0.0025% FSO/°F		
on Span	$\pm$ 0.0035% Reading/°F		
SAFE OVERLOAD	150% of Capacity		
ULTIMATE OVERLOAD	300% of Capacity		
MATERIAL	17-4 PH Stainless Steel		