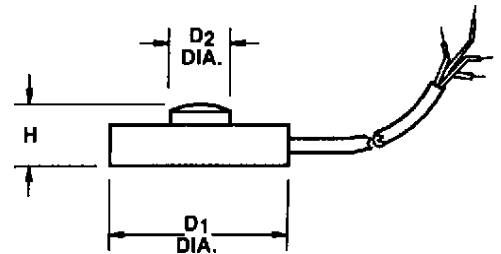




VLPB

Very Low-Profile "Button" Load Cell

CAPACITY	D1 "	D2 "	H "
150, 250, 500, 1000 grams	.38	.09	.13
5, 10, 25, 50 lbs.	.38	.09	.13
100, 250 lbs	.50	.12	.15
500, 1000 lbs	.75	.25	.25



Load Cell Central's Model VLPB (compression only) low-profile load cell is designed to measure load ranges from 50 grams to 1000 lbs. With subminiature dimensions, including diameters from .38" to 0.75" and heights of .13" to 0.25", these units are easily incorporated into systems having limited space. Both models achieve a combined non-linearity and hysteresis of +/- 0.5% full scale. A small (1.0" long x .08" thick) circuit board is included in the load cell's lead wire cable for temperature compensation, and should not be removed.

Standard Semiconductor Capacities : 150, 250, 500 grams

Standard Foil Gage Capacities : **1Kg**; 5, **10**, **25**, **50**, **100**, **250**, **500**, **1000** lbs.

(**Boldfaced** are typically stock items for fast delivery)

Output 150g to 500g : 15mV/V Nominal	Foil Bridge Resistance : 350Ω
Output 1Kg to 1000 lb : 2mV/V Nominal	Semiconductor Bridge Resistance : 500Ω
Non-Linearity : ±0.5%	Insulation Resistance : > 5000 MΩ
Hysteresis : ±0.5%	Recommended Excitation : 5V
Non-Repeatability : ±0.1%	FS Deflection Foil : 0.0005-0.0015"
Thermal Sensitivity Shift : 0.02% Rdg/°F	FS Deflection Semi : 0.001-0.003"
Thermal Zero Shift : 0.01% FS/°F	Weight : < 2 oz
Comp.Temp. Range : +60°F to +160°F	Safe Overload : 150% FS
Operating Temp. Range : -65°F to +250°F	Casing Material : Stainless Steel
	Cable Length : 5 ft.