

Miniature Compression Load Cell

Model: XBD

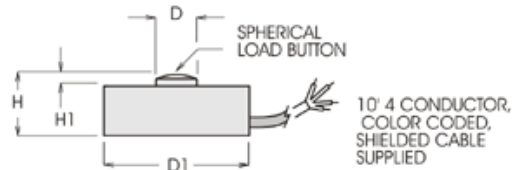
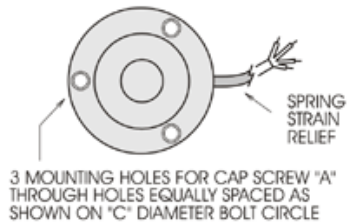
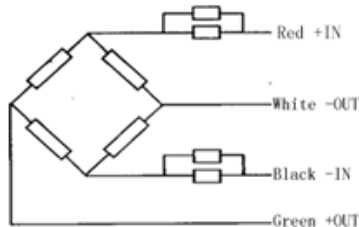
Ranges from: 100 lb to 50,000 lb.

Load Cell Central's Model XBD low-profile miniature load cell is designed to measure load ranges from 100 lbs. to 50,000 lbs. With miniature dimensions, including diameters from 1.00" to 2.99" and heights from 0.40" to 1.50", these units are easily incorporated into systems having limited space requirements.



Capacities: 100, 250, 500, 750, 1K, 2K, 3K, 5K, 10K, 15K, 20K, 30K, 50K lbs.

ELECTRICAL CONNECTION:



MODEL (LB)	D DIA.	D1 DIA.	H	H1	BUTTON RADIUS	A CAP SCREW	C BOLT CIRCLE
XBD-100, 250, 500, 750, 1K, 2K	.32	1.240	.40	.07	2.0	#2	1.000
XBD-3K, 5K, 10K	.45	1.490	.62	.08	4.0	#4	1.250
XBD-15K, 20K, 30K	.60	1.990	1.00	.12	6.0	#6	1.625
XBD-50K	.80	2.990	1.50	.18	6.0	#6	2.375

Specifications:

Rated Output:	2 mV/V Nominal	Temp. Effect on Output:	0.005% Rdg./°F
Non-Linearity:	0.25% FS	Temp. Effect on Zero:	0.01% FS/°F
Hysteresis:	0.25% FS	Compensated Temp.:	60 to 160°F
Non-Repeatability:	0.1% FS	Operating Temp.:	-65 to 200°F
Input Resistance:	350Ω Nom.	Recommended Excitation:	10Vdc
Output Resistance:	350Ω Nom.	Safe Overload:	150% FS
Zero Balance:	1% FS	Full Scale Deflection:	0.001 to 0.003" Nom.

Load Cell Central follows a policy of continuous improvement and reserves the right to change specifications without notice. © 2017