

MINIATURE COLUMN LOAD CELL

Model LBSM

Compression load cell.

These load cells are extremely small and lightweight.



SPECIFICATIONS

Specifications	Accuracy
Rated capacity(R.C.)	25,50,100,250,500,750,1K LB
Rated output(R.O.)	2mV/V
Nonlinearity	0.25% of R.O.
Hysteresis	0.25% of R.O.
Repeatability	0.1% of R.O.
Zero balance	±2.0% of R.O.
Temperature effect, on rated output	0.1% of LOAD / 10°C
Temperature effect, on zero balance	0.05% of R.O. / 10°C
Temperature range, compensated	-10~60°C
Operating temperature range	-10~80°C
Terminal resistance input	350±30Ω
Terminal resistance output	350±30Ω
Insulation resistance bridge/case	2000 MΩ
Excitation recommended	10V(25LB,50LB EX-5VDC)
Safe overload	150% R.C.

DIMENSIONS TABLE

unit:inch

Capacity lb	D	D1	H	H1
25	.090	.375	.250	.050
50	.090	.375	.250	.050
100	.125	.500	.250	.050
250	.125	.500	.250	.050
500	.200	.750	.250	.050
750	.200	.750	.250	.050
1000	.200	.750	.250	.050

