

Model LBS Miniature Compression Load Button

Why the Interface model LBS Miniature Compression Load Button is the best in class:

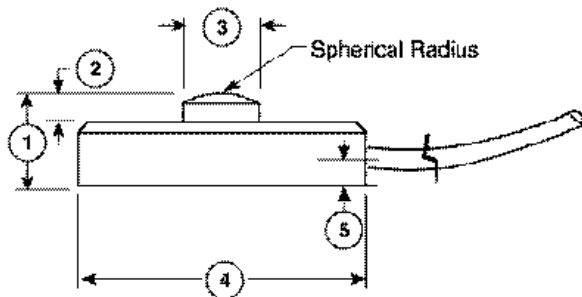
- Temperature compensated
- Integral load button
- Small diameter
- From .12" height



ACCESSORIES

Instrumentation

Consult factory for more technical information



SPECIFICATIONS

ACCURACY – (MAX ERROR)

Nonlinearity-% FS	±0.50
Hysteresis-% FS	±0.50
Nonrepeatability-% RO	±0.10

TEMPERATURE

Compensated Range-°F	60 to 160
Compensated Range-°C	15 to 71
Operating Range-°F	-65 to 225
Operating Range-°C	-54 to 107
Effect on Zero-% RO/°F – MAX	±0.005
Zero Balance % FS	±2

ELECTRICAL

Rated Output-mV/V (Nominal)	2.0
Bridge Resistance-Ohm (Nominal)	350
Excitation Voltage	5 VDC
Excitation Voltage – MAX	7 VDC

MECHANICAL

Calibration	Compression
Deflection	0.001- 0.003
Safe Overload-% CAP	150
Ultimate Overload % of CAP	300
Cable length-ft	5
4-conductor Teflon insulated cable with temperature compensation board	

DIMENSIONS

See Drawing	CAPACITY (lbf)					
	LBS Series					
	5, 10, 25, 50		100, 250		500, 1K	
	inch	mm	inch	mm	inch	mm
①	0.12	3.00	0.15	3.80	0.25	6.4
②	0.03	0.80	0.02	0.50	0.03	0.80
③	0.09	2.20	0.12	3.00	0.24	6.10
④	0.38	9.60	0.50	13.0	0.75	19.0
⑤	0.04	1.00	0.06	1.50	0.10	2.50