

# Model LBS Miniature Compression Load Button

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

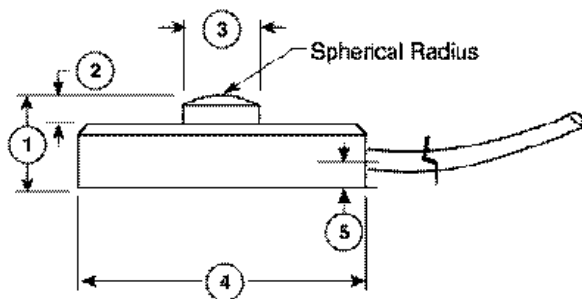
- Temperature compensated
- Integral load button
- Small diameter
- From .12" height



## 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