

Model LBS Miniature Compression Load Button

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

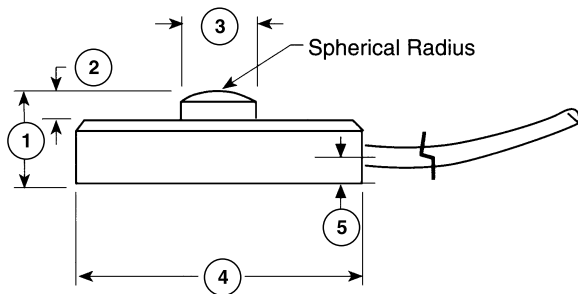
- Temperature compensated
- Integral load button
- Small diameter
- From .12" height



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–°F60 to 160
 Compensated Range–°C15 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 – MAX7 VDC

MECHANICAL

CalibrationCompression
 Deflection0.001- 0.003
 Safe Overload–% CAP150
 Ultimate Overload % of CAP300
 Cable length–ft5
 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