

Model LBS Miniature Compression Load Button

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

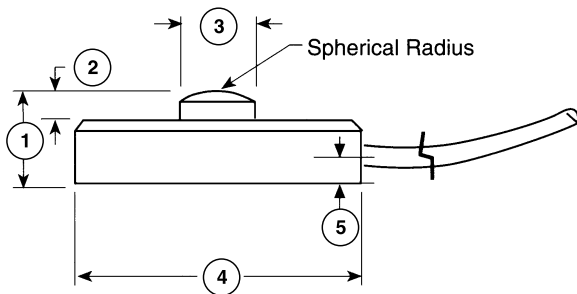
- Temperature compensated
- Integral load button
- Small diameter
- From .12" height



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 |