

Model LBM Compression Load Button

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

- Temperature compensated
- Integral load button
- Small diameter
- Environmentally sealed



ACCESSORIES

Instrumentation

Consult factory for more technical information

SPECIFICATIONS

ACCURACY – (MAX ERROR)

Nonlinearity-% FS±0.25
 Hysteresis-% FS±0.25
 Nonrepeatability-% RO±0.10

TEMPERATURE

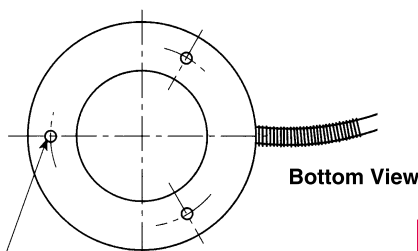
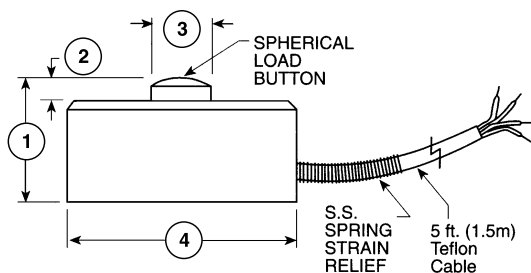
Compensated Range-°F60 to 160
 Compensated Range-°C16 to 71
 Operating Range-°F-65 to 250
 Operating Range-°C-54 to 121
 Effect on Zero-% RO/°F – MAX±0.005
 Effect on Output-%/°F – MAX±0.01
 Zero Balance % FS±2

ELECTRICAL

Rated Output-mV/V (Nominal)2.0
 Bridge Resistance-Ohm (Nominal)350
 Excitation Voltage10 VDC

MECHANICAL

CalibrationComp.
 Deflection0.004
 Safe Overload-% CAP150
 Ultimate Overload % of CAP300
 Cable length-ft5
 4-conductor Teflon insulated cable



3 MOUNTING HOLES, (5) THREAD X (6) DEEP, EQUALLY SPACED AS SHOWN ON (7) DIAMETER BOLT CIRCLE

DIMENSIONS

See Drawing	CAPACITY (lbf)									
	LBM Series									
	25, 50, 100		250,500,1K,2K		5K, 10K		20K		50K	
	inch	mm	inch	mm	inch	mm	inch	mm	inch	mm
①	0.62	15.7	0.39	9.90	0.63	16.0	1.0	25.4	1.50	38.1
②	0.05	1.30	0.07	1.80	0.08	2.00	0.12	3.00	0.18	4.60
③	0.21	5.30	0.32	8.10	0.43	10.9	0.60	15.0	0.78	19.8
④	1.00	25.4	1.25	31.8	1.50	38.1	2.00	50.8	3.00	76.2
⑤	4-40 UNC		6-32 UNC		6-32 UNC		6-32 UNC		6-32 UNC	
⑥	0.19	4.83	0.25	6.35	0.25	6.35	0.25	6.35	0.25	6.35
⑦	0.75	19.00	1.00	25.4	1.25	31.8	1.63	41.3	2.38	60.3