

Model SSB Sealed Beam Load Cell

Why the Interface model SSB Sealed Beam Load Cell is the best in class:

- Proprietary Interface temperature compensated strain gages
- .01% nonrepeatability
- Environmentally sealed
- .0008%/°F temp. effect on output
- Compact size



SPECIFICATIONS

ACCURACY – (MAX ERROR)
 Nonlinearity-% FS±0.03
 Hysteresis-% FS±0.02
 Nonrepeatability-% RO±0.01
 Creep, in 20 min-%±0.025

TEMPERATURE
 Compensated Range-°F0 to 150
 Compensated Range-°C-15 to 65
 Operating Range-°F-65 to 200
 Operating Range-°C-55 to 90
 Effect on Output-%/°F – MAX±0.0008
 Effect on Zero-% RO/°F – MAX±0.0015

ELECTRICAL
 Rated Output-mV/V (Nominal)3.0
 Zero Balance-% RO±1.0
 Bridge Resistance-Ohm (Nominal) ...350
 Excitation Voltage – MAX15 VDC
 Insulation Resistance-Megohm5000

MECHANICAL
 CalibrationCompression
 Safe Overload-% CAP±150
 Cable length-ft10

Natural Frequency/Deflection:

lbf	Deflection (inches)	Nat. Freq. (Hertz)
50	.004	2130
100	.004	2400
250	.005	3000
500	.010	2220
1000	.013	1970

STANDARD CONFIGURATION

10 ft Integral Cable (SSB-AJ-nn)
 <or> 10 ft Integral Cable & Standardized Output (SSB-AP-nn)

OPTIONS

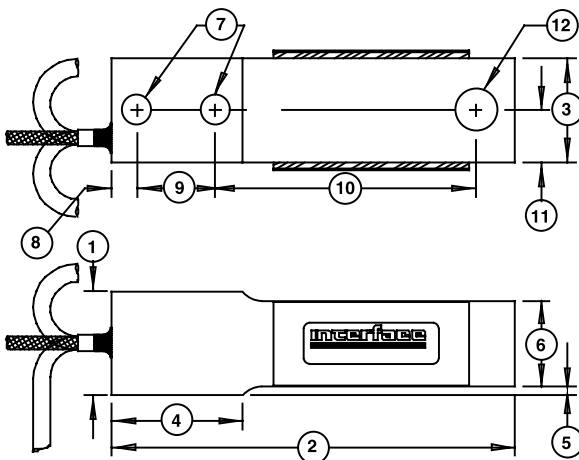
Extra Cable Length
 Standardized Output

ACCESSORIES

Instrumentation
 Load Button

Consult factory for more technical information

DIMENSIONS



See Drawing	CAPACITY (lbf)									
	50		100		250		500		1000	
	inch	mm	inch	mm	inch	mm	inch	mm	inch	mm
①	0.98	24.9	0.98	24.9	0.98	24.9	1.00	25.4	1.50	38.1
②	2.38	60.5	2.38	60.5	2.38	60.5	3.88	98.6	5.00	127.0
③	0.50	12.7	0.50	12.7	0.50	12.7	1.00	25.4	1.00	25.4
④	0.97	24.6	0.97	24.6	0.97	24.6	1.25	31.8	1.75	44.5
⑤	0.11	2.80	0.11	2.80	0.11	2.80	0.09	2.30	0.10	2.50
⑥	0.82	20.8	0.82	20.8	0.82	20.8	0.82	20.8	1.36	34.5
⑦	0.17	4.30	0.17	4.30	0.17	4.30	0.28	7.10	0.41	10.3
⑧	0.25	6.40	0.25	6.40	0.25	6.40	0.25	6.40	0.38	9.70
⑨	0.50	12.7	0.50	12.7	0.50	12.7	0.75	19.1	1.00	25.4
⑩	1.31	33.3	1.31	33.3	1.31	33.3	2.50	63.5	3.25	82.6
⑪	0.25	6.40	0.25	6.40	0.25	6.40	0.50	12.7	0.50	12.7
⑫	0.17	4.30	0.17	4.30	0.17	4.30	0.40	10.2	0.40	10.2