

## Model SSB Series

Why INTERFACE SSB Load Cells are 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-°F	0 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 – MAX	15 VDC
Insulation Resistance-Megohm	5000

#### MECHANICAL

Calibration	Comp.
Safe Overload-% CAP	± 150
Cable length-ft	10
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-AF-nn)
- <or> 10 Ft Integral Cable & Standardized Output (SSB-AJ-nn)

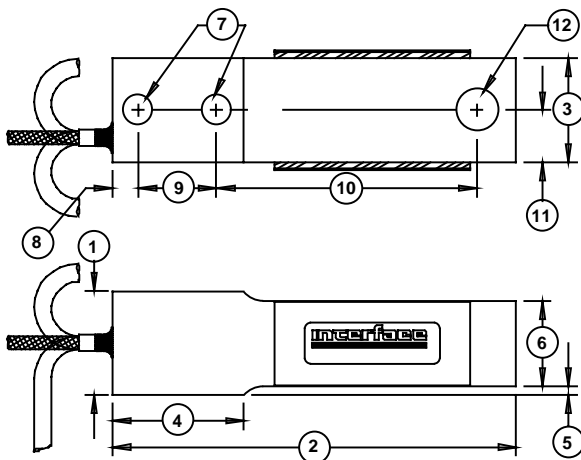
### OPTIONS\*

- Extra cable length
- Standardized output

### ACCESSORIES\*

- Instrumentation
- Load button

\* See appendix 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	0.50	12.7	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