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**

STANDARD CONFIGURATION

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

OPTIONS

Extra Cable Length
Standardized Output

ACCESSORIES

Instrumentation
Load Button

Consult factory for more technical information

SPECIFICATIONS

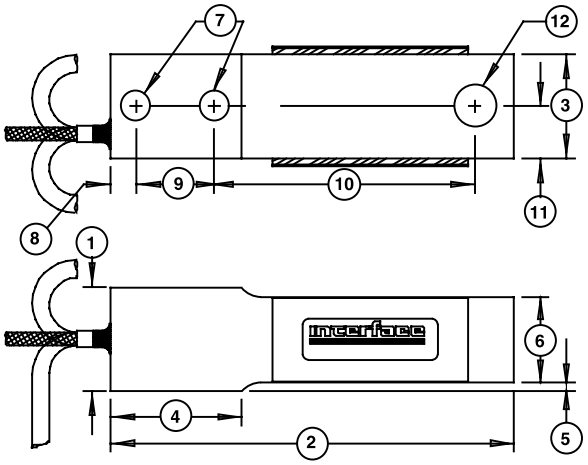
ACCURACY – (MAX ERROR)
Nonlinearity–% FS .....±0.03
Hysteresis–% FS .....±0.02
Nonrepeatability–% RO .....±0.01
Creep, in 20 min–% .....±0.025

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 .....Compression
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



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

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