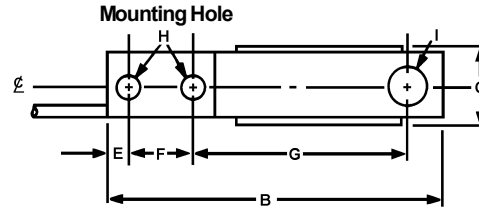
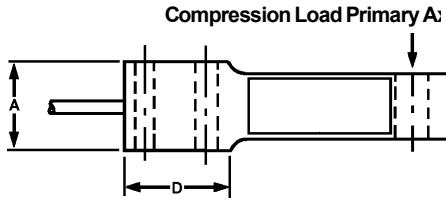


INSTALLATION DIMENSIONS



Dimension		A	B	C	D	E	F	G	H	I	MOUNTING SCREWS				LOAD SCREWS	
											Size	Length	Grade	Torque	Size	Min / Ultimate Strength Required*
SSB-50,100, 250	in.	1	2-3/8	7/8	1	1/4	.50	1.31	11/64	11/64	8-32	1 1/4	5	36 in lb 4.1 Nm	#8	SSB-50 12,000 PSI SSB-100 24,000 PSI SSB-250 60,000 PSI
	mm	25	60	22	25	6.4	12.7	33.3	4.4	4.4	4					
SSB-500	in.	1	3-7/8	1-1/4	1-1/4	1/4	.75	2.50	9/32	13/32	1/4	1-3/8	5	120 in lb 13.7 Nm	3/8	20,000 PSI
	mm	25	98	32	32	6.4	19	63.5	7.1	10.3	6					
SSB-1000	in.	1-1/2	5	1-1/4	1-3/4	3/8	1.00	3.25	13/32	13/32	3/8	2-1/8	5	35 ft lb 48 Nm	3/8	40,000 PSI
	mm	38	127	32	44	9.5	25.4	82.6	10.3	10.3	9					

Mounting Instructions: Fasten securely to flat rigid surface with screws and torque per table.

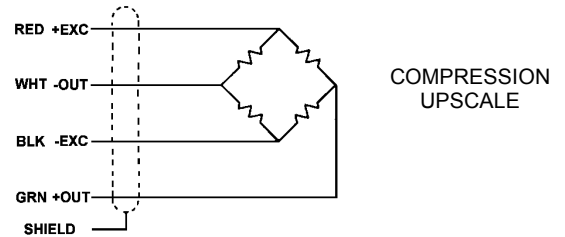
Mounting surface to be machined, finish 125 or better, flat within .001 T.I.R.

* For 300% Ultimate Load Capacity

ELECTRICAL INFORMATION

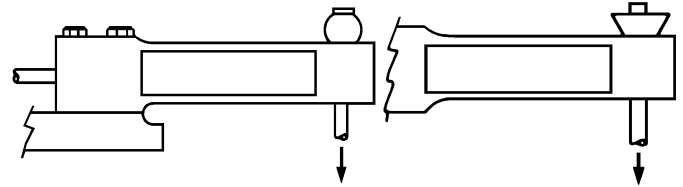
SSB Series capacities 1000 lbf and under are provided with a 4 conductor shielded cable (AWG 28) 10 ft. (3m) long.

Wiring Color Code complies with ISA S37.8 "Specifications and Tests for Strain gage Force Transducers" and SMA Load Cell Terminology.



APPLICATION NOTES

- The Sealed SuperBeam load cell is specifically designed for outdoor use and can be used in scale pits, batching plants or other locations directly exposed to the weather. They are made of Anodized High Strength Aluminum.
- Please exercise caution while handling and installing these load cells. Applications of a force equaling more than 150% of range will result in irreparable damage.



TYPICAL INSTALLATION & ATTACHMENTS

PERFORMANCE DATA

Nominal Output - mV/V	3
Input Resistance Ohms	350 + 50 / -3.5
Output Resistance Ohms	350 +/- 3.5
Recommended Excitation Vdc	10
Nonlinearity - %RO	+/- 0.03
Hysteresis - %RO	+/- 0.02
Temp. Range Compensated	-15 to 65C
Temp. effect on zero - %RO/100°F	+/- 0.15
Zero Balance - %RO	< +/- 1

SEALED SUPERBEAM LOAD

MODEL: SSB-AJ-1000 Date: 23-MAR-2015
CAPACITY: 1000 lbf Serial: 726744
OUTPUT, COMPRESSION 3.25036 mV/V

Interface Inc.
Scottsdale, AZ, USA
Telephone (480) 948-5555 FAX (480) 948-1924

Warranty & Certification Statement on reverse side.

