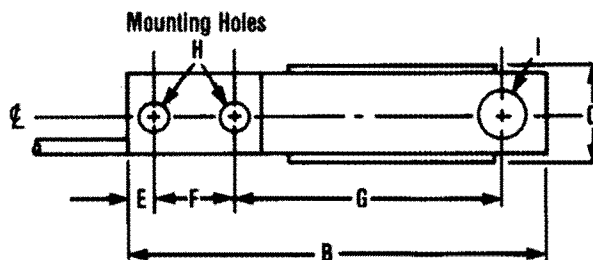
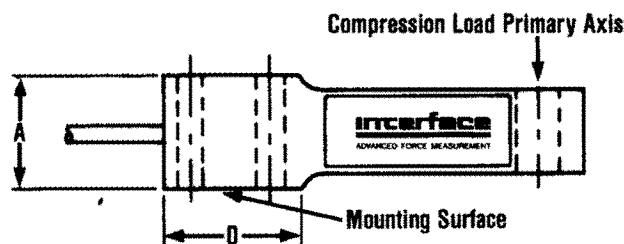


INSTALLATION DIMENSIONS



MOUNTING SCREWS

LOAD SCREWS

DIMENSION	A	B	C	D	E	F	G	H	I	SCREW SIZE	LENGTH (min)	MIN. SCREW GRADE	SCREW 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	5	36 in. lb.	#8	SSB-50 12,000 PSI
	mm	25	60	22	25	6.4	12.7	33.3	4.4	4.4	4		4.1 N•m.		SSB-100 24,000 PSI
SSB-500	IN	1	3-7/8	1-1/4	1-1/4	1/4	.75	2.50	9/32	13/32	1/4	5	120 in. lb.	3/8	20,000 PSI
	mm	25	98	32	32	6.4	19.0	63.5	7.1	10.3	6		13.7 N•m.		
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	5	35 ft. lb.	3/8	40,000 PSI
	mm	38	127	32	44	9.5	25.4	82.6	10.3	10.3	9		48 N•m.		

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

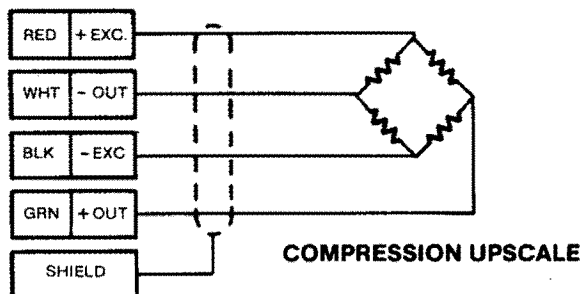
Mounting surface to be machined, finish 125 or better, flat within .001 T.I.R.

* For 300% Ultimate Load Capacity

ELECTRICAL INFORMATION

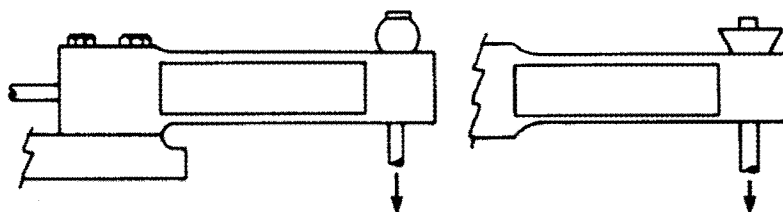
SSB Series capacities 1000 lbs. and under are provided with a 4-conductor shielded cable (AWG 28) 10 ft. (3m) long.

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 weather. They are made of Anodized High Strength Aluminum Alloy.
- Please exercise caution while handling and installing these load cells. Application of a force equaling more than 150% of rated capacity (For example, more than 75 lbs. on SSB-50) will result in irreparable damage.



TYPICAL INSTALLATION & ATTACHMENTS

PERFORMANCE DATA

Nominal Output — mV/V.....	3
Input Resistance — Ohms.....	350 ± 40/-3.5
Output Resistance — Ohms.....	350 ± 3.5
Recommended Excitation — VDC.....	10
Non-Linearity — % Rated Output.....	<±0.03
Hysteresis — % Rated Output.....	<±0.02
Temp. Range, Compensated — °F (-15 to 65°C).....	0-150
Temperature effect on zero —	
% Rated Output / 100°F (55.6°C).....	±0.15
Zero Balance — % Rated Output.....	<±1

SEALED SUPERBEAM LOAD CELL

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WARRANTY & CERTIFICATION STATEMENT ON OTHER SIDE