INSTALLATION DIMENSIONS

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

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

1. 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.
2. 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.

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 — % of Rated Output..................<±0.03
Hysteresis — % of Rated Output...................<±0.02
Temp, Range, Compensated — °F (-15 to 65°C)..................0-150
Temperature Effect on Zero —
  % of Rated Output / 100°F (55.6°C)..................±0.15
Zero Balance — % of Rated Output..................<±1

WARRANTY & CERTIFICATION STATEMENT ON OTHER SIDE