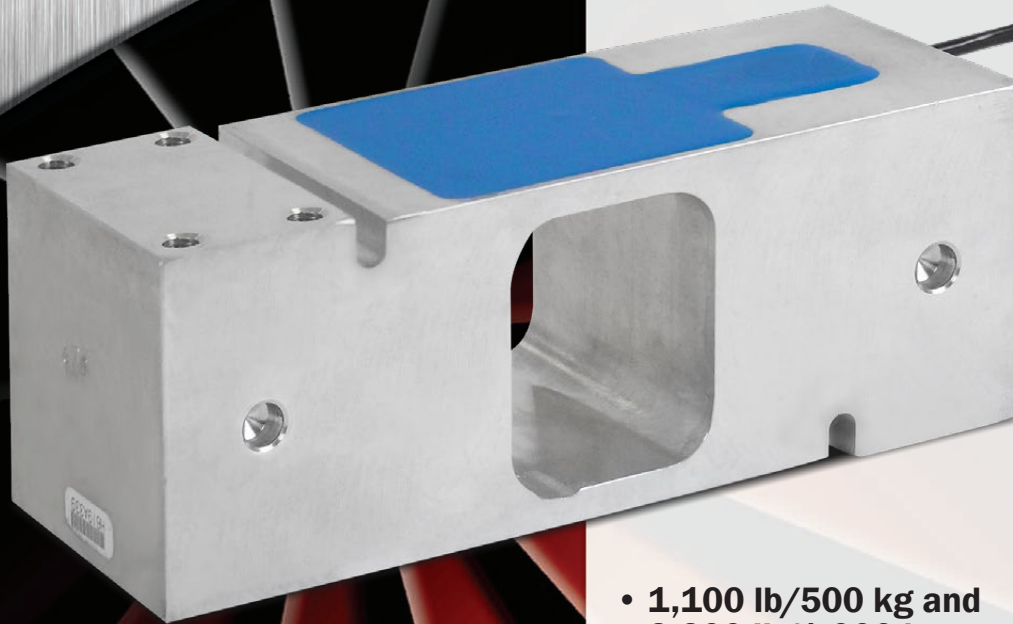




CHB Series

Single Point, Aluminum Alloy Medium Capacity Load Cells



SPECIFICATIONS

| | |
|----------------------------------|--|
| Overload | Safe: 150% Ultimate: 300% |
| Output mV/V | 2 ± 10% |
| Resistance | Input: 408.5 to 451.5 ohms Output: 350 ± 5 ohms |
| Zero Balance | ± 1% of rated output |
| Excitation / AC-DC | 15 VDC maximum |
| Non-linearity | ± 0.03% of rated output |
| Hysteresis | ± 0.03% of rated output |
| Non-repeatability | ± 0.02% of rated output |
| Creep | ± 0.03% of load in 20 min. |
| Insulation Resistance | 5,000 megohms |
| Protection Class | IP-65 |
| Temperature Range | Compensated: 14°F to 104°F Operating: -20°F to +150°F |
| Temperature Effect | Rated Output: ± 0.0008%/ F of load Zero Balance: ± 0.0015%/ F of rated output |
| Recommended Platform Size | 24 in x 24 in / 610 mm x 610 mm |

- **1,100 lb/500 kg and 2,200 lb/1,000 kg capacities**
- **Highly resistant to eccentric loads**
- **Aluminum alloy construction**
- **Direct mounting to weighing platform**
- **12-ft/3.6-m integral shielded cable**
- **VCAP certified**

Cardinal Scale's CHB series single point load cells are manufactured for medium capacity weighing. These cells are fabricated from aluminum alloy and are available in capacities from 1,100 lb / 500 kg to 2,200 lb / 1,000 kg.

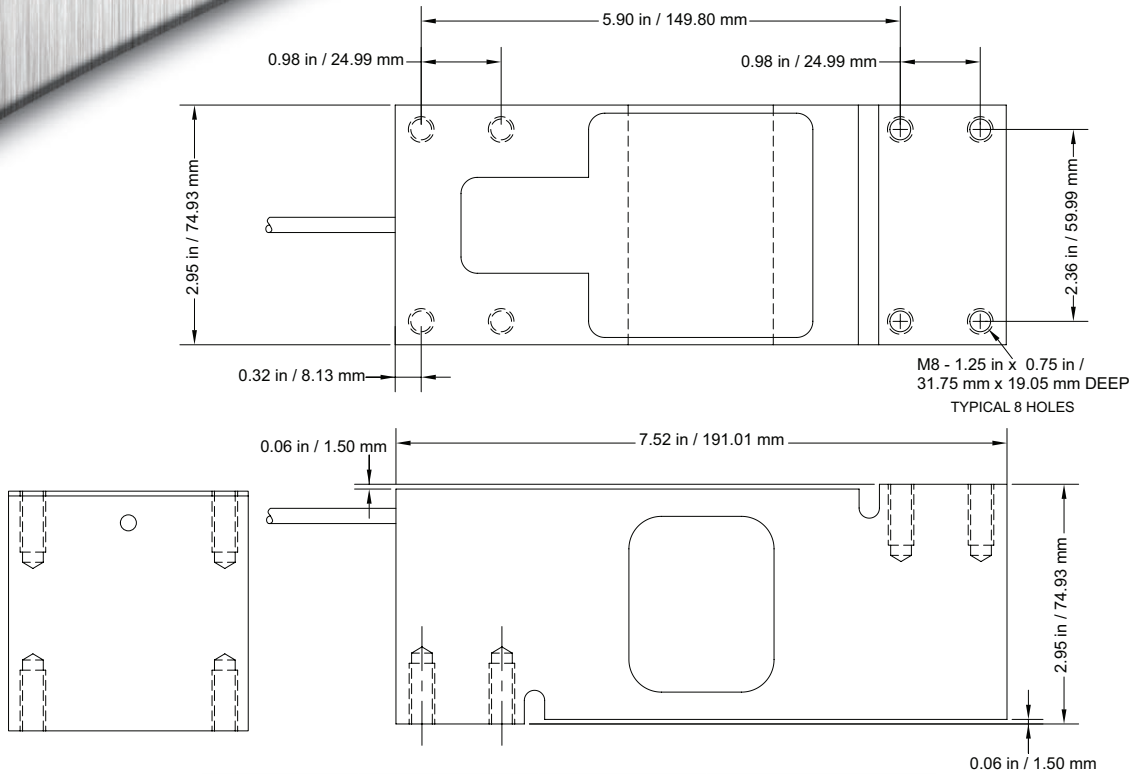
The unique design of Cardinal's single point load cells offers cost-saving advantages for many weighing applications. The load cell can be mounted directly to the weighing platform, thereby eliminating flexures, pivots, bearings and mechanical levers. All load cells feature threaded mounting holes, proprietary sealant, and a 12-ft / 3.6-m integral multiconductor cable secured by a strain relief seal.

SCALE
CELLS
ADVANCED

CHB

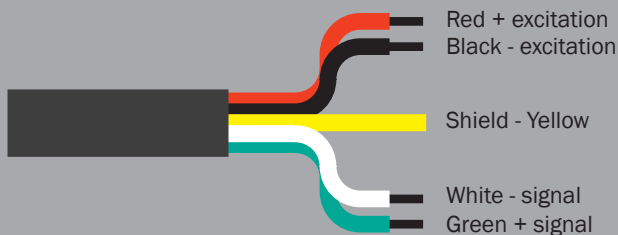
Single Point CHB Series

Medium-Capacity, Aluminum Alloy Load Cells



| MODEL | LB CAPACITY | KG CAPACITY | SHIPPING WEIGHT |
|------------|-------------|-------------|-----------------|
| CHB-500KG | 1,100 | 500 | 6 lb |
| CHB-1000KG | 2,200 | 1,000 | 6 lb |

ELECTRICAL INFORMATION



State-of-the-Art Load Cell Manufacturing Facility ISO 9001 Quality Environment



VCAP CERTIFIED

Cardinal Scale has been formally audited and found to be fully compliant with the Verified Conformity Assessment Program (VCAP) administered by the National Type Evaluation Program (NTEP) of the National Conference on Weights and Measures (NCWM).

Cardinal Scale reserves the right to improve, enhance or modify features and specifications without prior notice. All registered trademarks are the property of their respective owners.



SOLD BY:



102 East Daugherty St., Webb City, MO 64870 USA
Toll-Free: (800) 441-4237 E-mail: cardinal@cardet.com
www.CardinalScale.com