

SUN SCALE



CH2 Load Cell

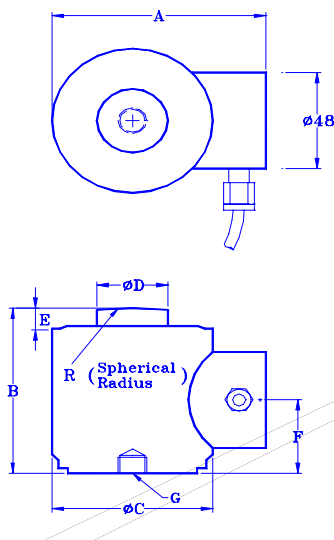
- **Stainless Steel** construction
- Capacities from 50k to 100k pounds
- 1.75 mv/v output
- Hermetically Sealed IP 68
- Interchangeable to most brands

SPECIFICATIONS

Rated Capacities (pounds)	50k, 100k
Combined Error (% of R.O.)	0.1
Non-Repeatability (% of R.O.)	0.015
Minimum Division Size (v min., % of R.O.)	0.015
Temperature Coefficient	
Output (ppm/ °C, of load)	15
Zero (ppm/ °C, of R.O.)	30
Creep Return (% of load, 30 Min.)	0.025
Rated Output (mv/v)	1.75 ± 0.25%
Zero Balance (% of R.O.)	± 2
Excitation (Volt)	10 recommended, 15 Max.
Input Impedance (Ω)	450 ± 1%
Output Impedance (Ω)	480 ± 1%
Operating Temperature Range (°C)	-40 to +60
Environmental Protection (DIN)	IP 68
Safe Overload (% of R.O.)	150

Example for Order Number: **CH2-50k**, CH2: load cell type, **50k**: capacity in pounds (50,000 lbs)

DIMENSIONS



Pounds & Inches
(Ton & mm)

CAPACITY	A	B	C	D	E	F	G	R
50k (22.7)	3.78 (96)	3.25 (82.6)	ø2.83 (ø72)	ø1.25 (ø31.7)	0.40 (10.2)	1.46 (37)	1/2-20 UNF,Deep 0.31 (8)	6 (152)
100k (45.4)	5 (127)	5 (127)	ø3.94 (ø100)	ø2.31 (ø58.6)	0.52 (13.1)	2.05 (52)	3/4-16 UNF,Deep 0.55 (14)	10 (254)

Wiring Code:

- +Input Red
- Input Black
- +Output Green
- Output White

4-Wire, ø5 Cable, 40Feet (12Meter)