

The RCH is a stainless steel compression rocker column load cell is ideal for use in truck scales, tank weighing, hopper weighing, silo weighing, grain carts, gravity carts, feed mixers, fertilizer and manure spreaders.



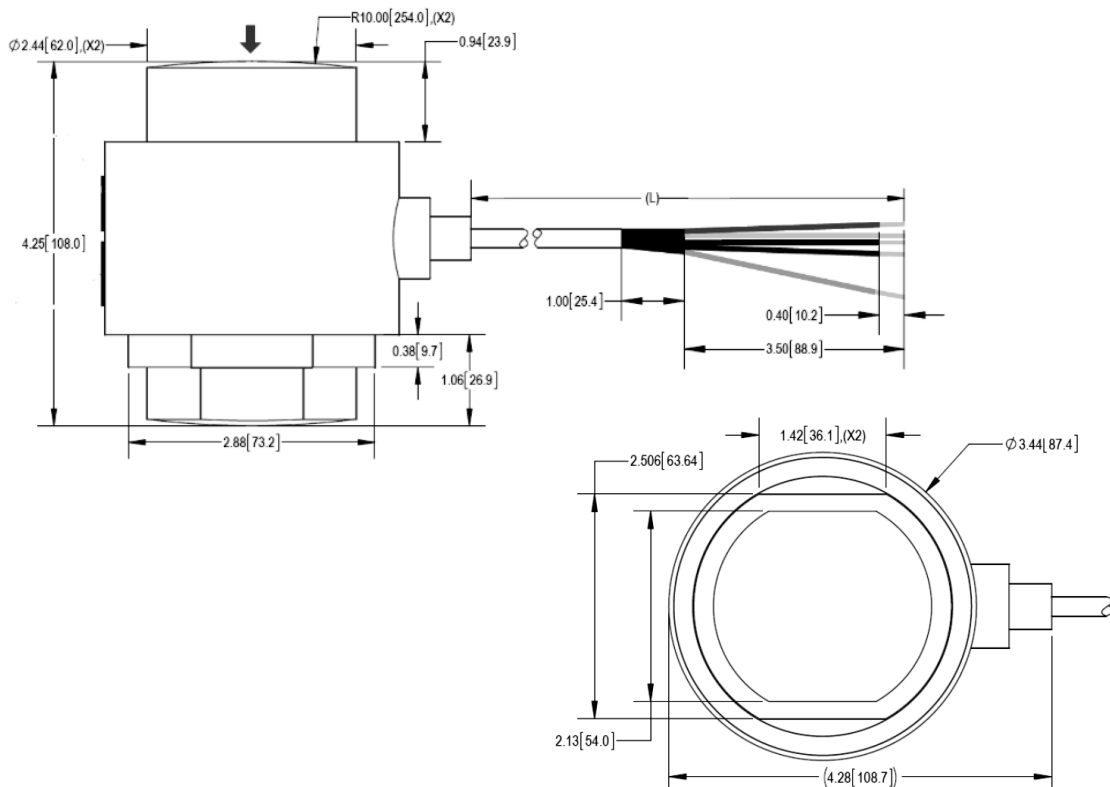
FEATURES

- Stainless steel construction
- Environmental protection IP68
- Hermetically sealed
- Capacity 30klbs
- Industry standard mounting dimensions

APPLICATIONS

- Truck scales
- Tank weighing
- Hopper weighing
- Silo weighing
- Grain carts
- Gravity carts
- Feed mixers
- Fertilizer and manure spreaders
- Wash down applications

OUTLINE DIMENSIONS



SPECIFICATIONS

Model	RCH	
Capacity	klbs	30
Full Scale Output (FS)	mV/V	3±0.1%
Calibration in mV/V/ Ω	%	≤±0.05
Non-Linearity	%FS	≤±0.1
Hysteresis	%FS	≤±0.1
Creep Recovery @30min	%FS	≤±0.02
Zero Balance	%FS	≤±1
Temperature Effect		
Output	%FS/10°C	≤±0.04
Zero	%FS/10°C	≤±0.04
Temperature Range Compensated	°C	-10... +40
Temperature Range Operating	°C	-20... +65
Terminal Resistance		
Input	Ω	386±30
Output	Ω	350±5
Excitation Voltage	VDC	5...15
Insulation Resistance @50VDC	M Ω	≥5000
Safe Overload Limit	%FS	150
Ultimate Load	%FS	200
Cable Length	M	30 ^{+0.2} ₋₀
Cable Type	22 AWG 4 Conductor AL foil Shielded Black PVC	
Seal Type	IP68	
Element Material	Stainless Steel	

WIRING

+ Excitation	- Red
+ Signal	- White
- Excitation	- Black
- Signal	- Green
Shield	- Yellow

PART NUMBER

Capacity(klb)	Part Number
530	5031-004-02