

Load Cell for On-Board Weighing



FEATURES

- Environmentally protected precision strain gage load cell
- Designed specifically for external mounting on vehicle suspensions
- Secondary weight sensing transducer
- Easy bolt-on installation
- 3-foot pigtail connector

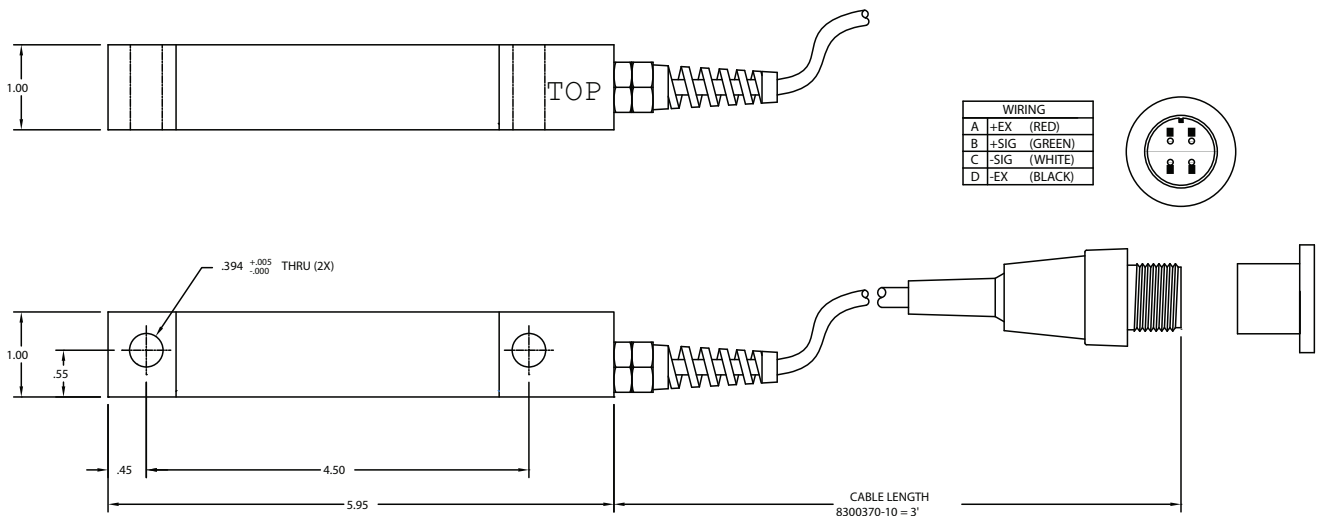
DESCRIPTION

Secondary transducer typically used for on-board applications requiring gross vehicle weight, net vehicle weight and axle group weights on straight trucks.

APPLICATIONS

- Straight trucks with tandem rear axle group suspension
- Front steer axle

OUTLINE DIMENSIONS



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SPECIFICATIONS	
PARAMETERS	VALUE
Static Capacity	8 lbs (3.6 kg)
Maximum Safe Load	16 lbs (7.6 kg)
Output without sealing	1.70mV/V to 1.85mV/V at 3.5 kg
Output with sealing	1.60mV/V to 1.75mV/V at 3.5 kg
Non-Linearity, Hysteresis, Repeatability	± 0.1% of Full Scale
Creep	± 0.1% of Load in 20 Minutes
Temperature Compensated Range	65° to 200° F (-40° to 65° C)
Maximum Excitation	15 V dc or ac
Impedance	350 Ohm Min.
Isolation Resistance	500 Mega Ohms at 50 Volts
Load Cell Material	Alloy Steel, Nickel-Plated
Weight	2.20 lbs (1 kg)



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