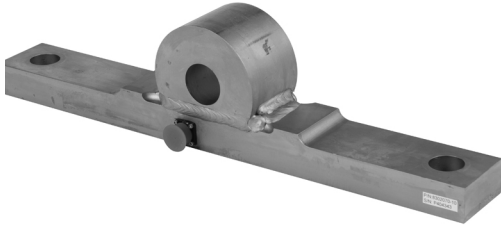


Simplex 5th Wheel Load Cell



FEATURES

- Extremely durable
- Alloy steel with high resistance to corrosion
- Nickel-plated
- Triple-redundant sealing for durability
- Bolt-on design
- Four-pin side connector
- Temperature and twist compensated

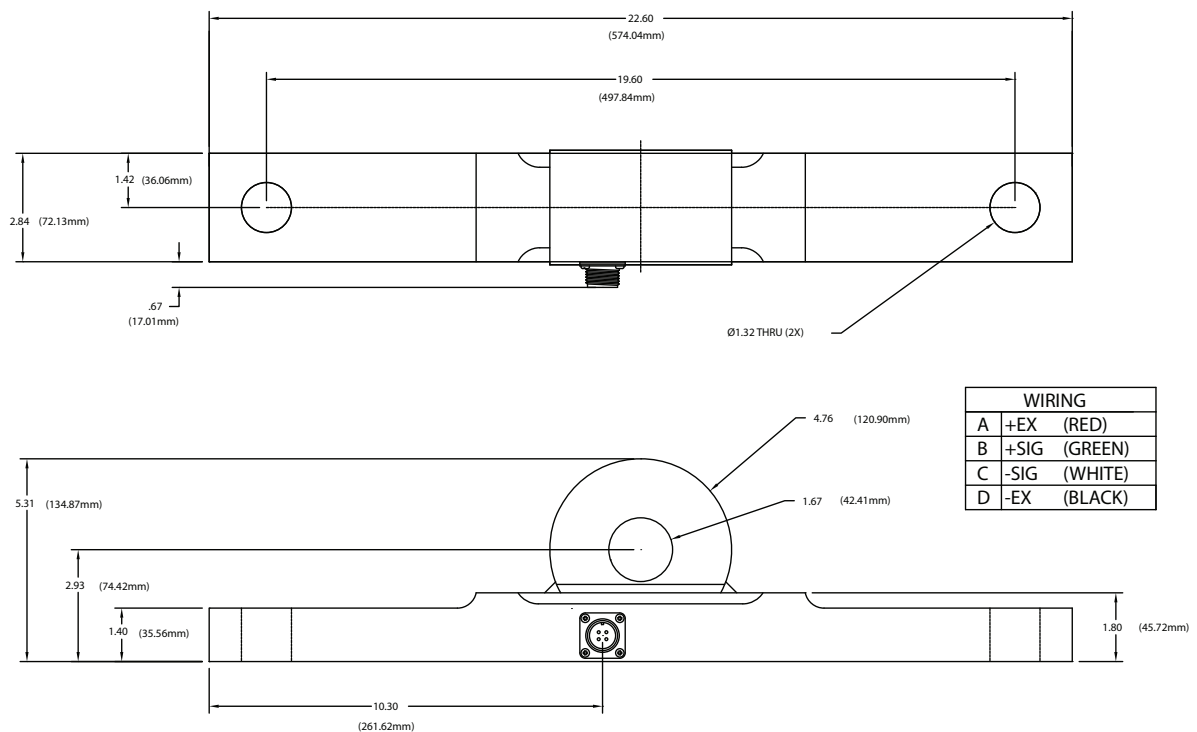
DESCRIPTION

SI Onboard's heavy-duty 5th wheel load cells are designed for weighing applications utilizing the Simplex 5th wheel to give accurate, reliable drive axle weights.

APPLICATIONS

- Forestry/logging
- Bulk hauling
- Aggregate
- Agriculture
- General highway

OUTLINE DIMENSIONS



Simplex 5th Wheel Load Cell

SPECIFICATIONS	
PARAMETERS	VALUE
Static Capacity	60,000 lbs (30,000 kg)
Output	0.50mV/V \pm 0.01 at 17,000 lbs
Non-Linearity, Hysteresis, Repeatability	\pm 0.1% of Full Scale
Creep	\pm 0.1% of Load in 20 Minutes
Temperature Compensated Range	-40° to 150° F (-4° to 65° C)
Maximum Excitation	15 V dc or ac
Impedance	350 Ohm Min.
Isolation Resistance	500 Meg Ohms at 50 Volts
Load Cell Material	Alloy Steel, Nickel-Plated
Weight	30 lbs (13.6 kg)



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