

Titan Heavy-Duty Load Cell



FEATURES

- Extremely durable
- Under-bunk mounting
- Alloy steel - high resistance to corrosion
- Nickel-plated
- Triple-redundant sealing for durability
- Bolt-on design
- Four-pin side connector
- Temperature and twist compensated
- Large *dynamic* capacity (40K lbs)

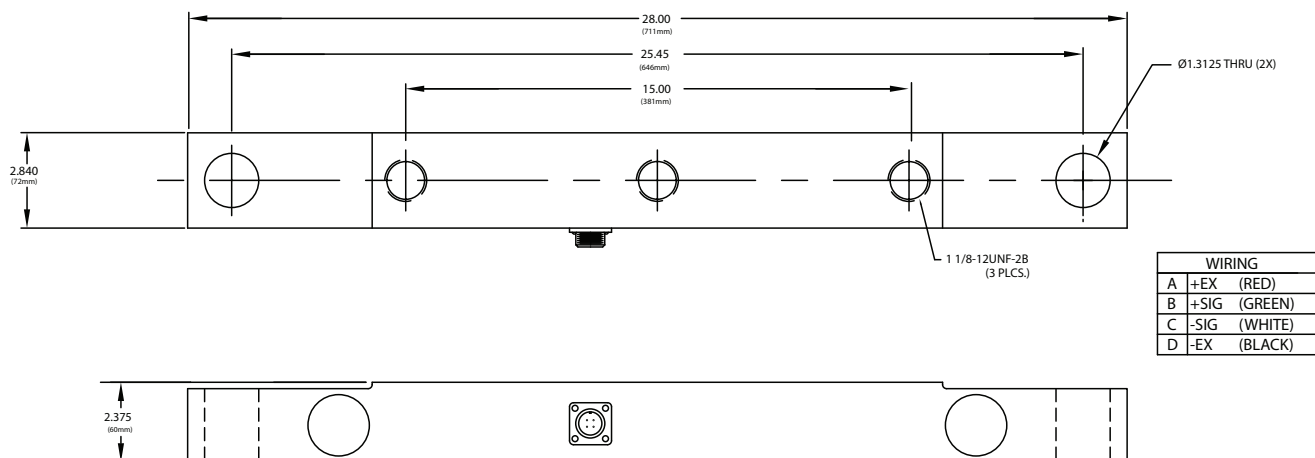
DESCRIPTION

Designed for performance, reliability and long life, our shear beam “Titan” load cells are built for heavy-duty applications. This load cell was designed for the extreme rigors of logging. Constructed mainly for mounting under the bunks of logging trucks and trailers (other applications are between truck frames and bodies).

APPLICATIONS

- Forestry/logging
- Bulk hauling
- Aggregate
- Agriculture
- Tank weighing

OUTLINE DIMENSIONS



Titan Heavy-Duty Load Cell

| SPECIFICATIONS | |
|--|------------------------------------|
| PARAMETERS | VALUE |
| Static Capacity | 80,000 lbs (36,287 kg) |
| Output | 1.550mV/V \pm 0.01 at 40,000 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 | 48 lbs (21.8 kg) |



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