



# RL75058

double-ended shear beam load cell

- Truck scales
- Railroad track scales
- Heavy capacity tanks and hoppers
- Livestock scales



**I**deal for extreme duty vehicle, livestock and tank weighing, the RL75058 features a center loaded single link design that virtually eliminates friction and provides free movement in all horizontal directions. The pendulum action of the link automatically centers itself, isolating the load cell from damaging side loads.

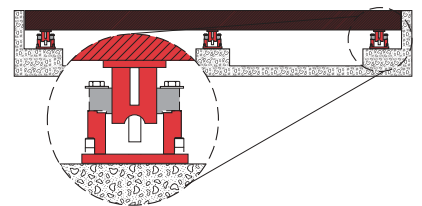
The RL75058 incorporates high-quality alloy tool steel construction and a double-ended shear beam design to perform under adverse loading conditions. Nickel plating, combined with environmentally sealed stainless steel side plates, provides durability and protection in outdoor applications.

## Standard Features

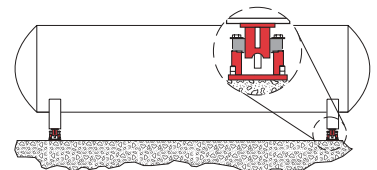
- Capacities: 10,000 – 125,000 lb
- NTEP Class III L (except 10,000 lb capacity)
- Nickel plated and environmentally sealed with stainless steel side plates
- Center loaded single link design

## Specifications

Full Scale Output:	3.0 mV/V
Bridge Resistance:	700 ohms, nominal
Material/Finish:	High-alloy steel, nickel plated
Temperature:	Compensated range 14°F to 104°F/-10°C to 40°C
Safe Overload:	150% Full scale
Rated Excitation:	10V DC (25V maximum)
Nonlinearity:	0.03% Full scale
Hysteresis:	0.02% Full scale
Insulation Resistance:	5000 megohms
Seal Type:	Environmentally sealed, IP67
Cable Length:	35'/10.6m (other lengths available)
Cable Coloring:	Red ..... + Excitation Black ..... - Excitation Green .... + Signal White ..... - Signal
Warranty:	2 years



RL75058 load cell installation for vehicle weighing



RL75058 load cell installation for a horizontal tank

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