

High-Accuracy On-Board Load Cell



FEATURES

- High-resolution
- Bolt-on cell
- 7-pin
- Various pigtail cable lengths available
- Double-ended bending-beam design
- Compression-type cell
- Unaffected by 100% transient side loads

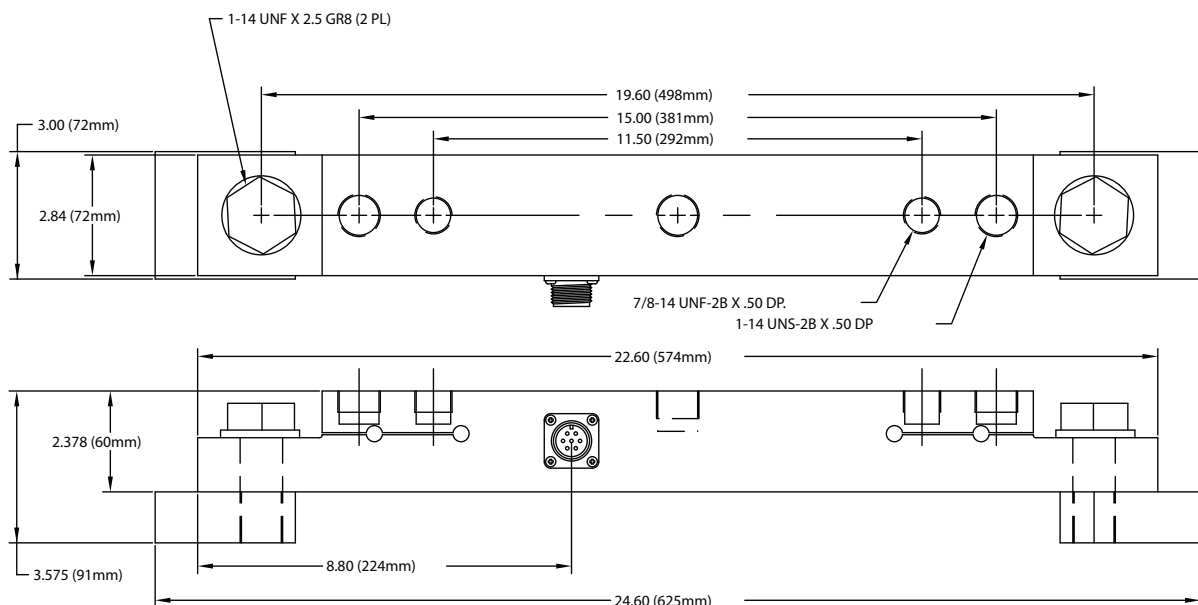
DESCRIPTION

Designed for use in on-board and platform weighing system installations requiring high accuracy and reliability. Environmentally sealed for all weather environments.

APPLICATIONS

- Straight trucks and tractor trailers
- Industrial axle scales
- Lodec L3000 series

OUTLINE DIMENSIONS



WIRING	
A	+SIG (WHITE)
B	N/A
C	-EX (BLACK)
D	+EX (RED)
E	N/A
F	-SIG (GREEN)
G	N/A

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SPECIFICATIONS	
PARAMETERS	VALUE
Static Capacity	30,000 lbs (13,636 kg)
Maximum Safe Load	200% of Static Capacity
Output	0.500mV/V \pm 0.005 at 12,500 lbs
Non-Linearity, Hysteresis, Repeatability	\pm 0.1% of Full Scale
Creep	\pm 0.1% of Load in 20 Minutes
Temperature Compensated Range	14° to 104° F (-10° to 40° 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
Unitized Weight	44 lbs (20 kg)



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