

The GB150 is a rugged planar beam loadcell with exceptional long-term stability. This sophisticated loadcell offers consistent, high quality performance, at very affordable prices. With its simple beam mounting configuration, this loadcell can be used to electronically measure force or displacement in a wide variety of applications. The GB150 may be used for applications which includes medical instrumentation, spring testing equipment, robotics food dispensing equipment.



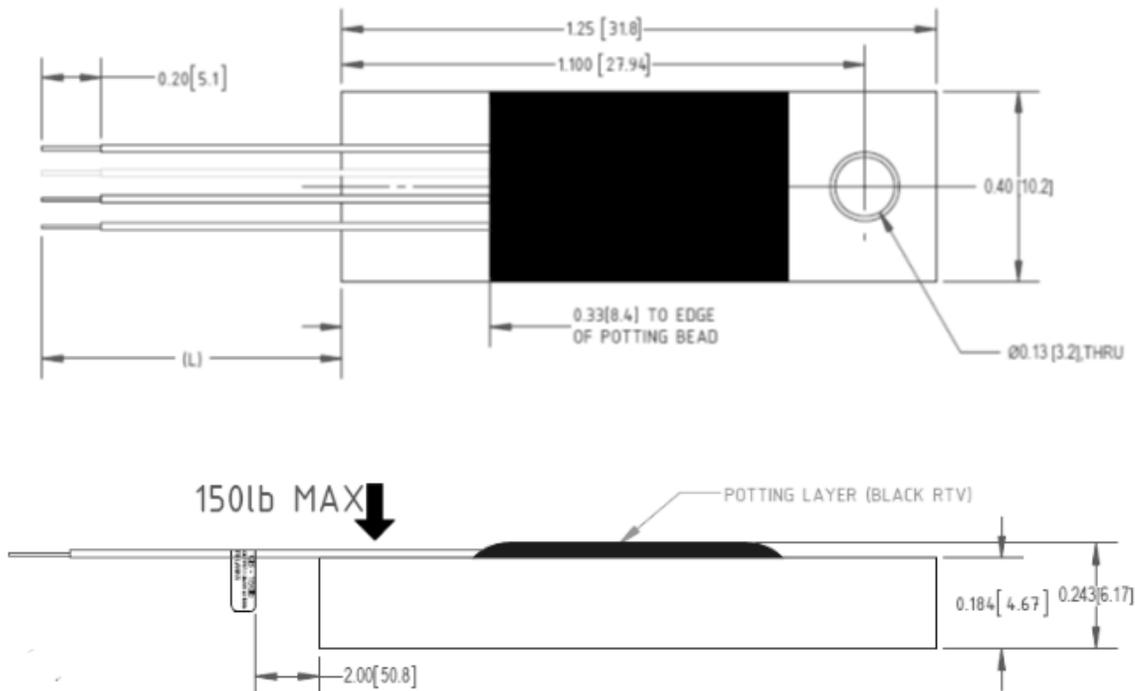
FEATURES

- 150lb capacity
- Stainless steel construction
- Environmental protection IP67
- Very low profile desing

APPLICATIONS

- Compact scales
- Special applications in medical instrumentation
- Spring testing equipment
- Robotics
- Food dispensing
- Retail & counting scales

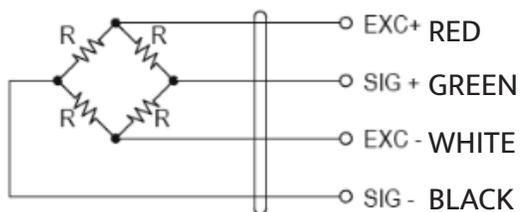
OUTLINE DIMENSIONS



SPECIFICATIONS

Model	GB150	
Capacities	lbs	150
Full scale output (fs)	mV/V	1.50±0.15%
Combined error	%FS	<±1.6
Non-linearity	%FS	<±0.8
Hysteresis	%FS	<±0.8
Non-repeatability	%FS	<±0.1
Creep @5min	%FS	<±0.5
Zero balance	mV/V	<±1.0
Temperature resistance input	Ω	350±50
Temperature resistance output	Ω	350±50
Excitation voltage	VDC	5~ 15
Insulation resistance @50VDC	M Ω	>5000
Safe overload limit	%FS	150
Ultimate load	%FS	200
Cable length (L)	in	8 ^{+0.2} ₋₀
Cable type		26 AWG 4 wires
Element material		Stainless Steel
Seal type		IP67

WIRING



PART NUMBER

Capacity (lb)	Part Number
150	8013-001-00