

The type MBL is a stainless steel compression button load cell for force and weight measurement.



IP67

FEATURES

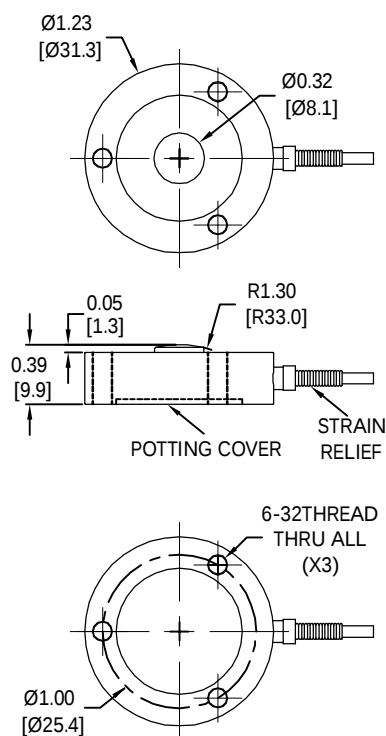
- Capacities from 100lb to 10000lb.
- Stainless steel construction.
- Environmental Protection IP67.

APPLICATIONS

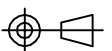
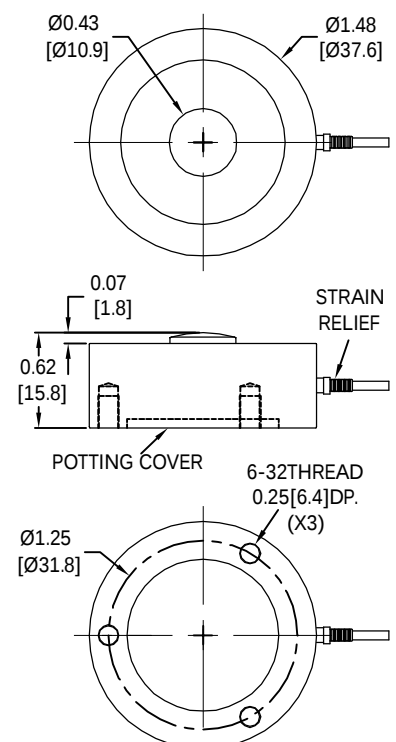
- Force and weight measurement.

OUTLINE DIMENSIONS

100-2000lb:

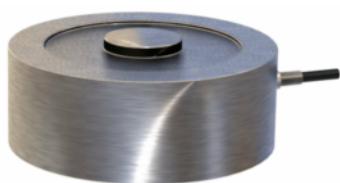


5000-10000lb:

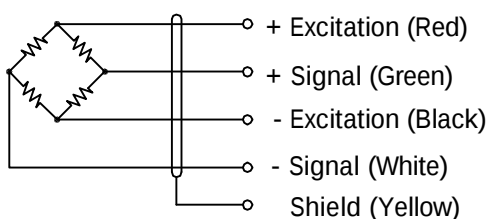


load button

MBL 5036



WIRING



Cable : 28 AWG, 4 Conductor cable with shield.

SPECIFICATIONS

Model		MBL	
Capacities		lb	100, 250, 500, 1000, 2000, 5000, 10000
Full Scale Output (FS)		mV/V	2.0±0.2
Non-Linearity		%FS	≤±1
Hysteresis		%FS	≤±0.5
Non- Repeatability		%FS	≤±0.5
Creep @ 5min		%FS	≤±0.5
Zero Balance		%FS	±2
Temperature Range			
	Compensated	°C	-10... +40
	Operating	°C	-10... +65
Temperature Effect			
	Zero	%FS/10°C	≤±0.04
Terminal Resistance			
	Input Resistance	Ω	350±80
	Output Resistance	Ω	350±10
Excitation Voltage		VDC	5... 15
Insulation Resistance @ 50V DC		MΩ	≥5000
Safe Overload Limit		%FS	150
Cable Length		ft	10
Seal Type		IP67	
Element Material		Stainless steel	

PART NUMBERS

Capacity (lb)	Part#
100	5036-000-00
250	5036-001-00
500	5036-002-00
1000	5036-003-00
2000	5036-004-00
5000	5036-005-00
10000	5036-006-00

Dimensions and specifications subject to change without notice