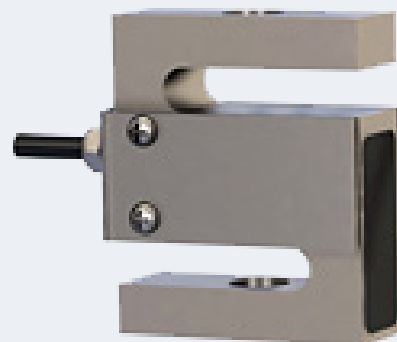




The 3005 is a stainless steel s beam load cell designed for measuring tension or compression load.

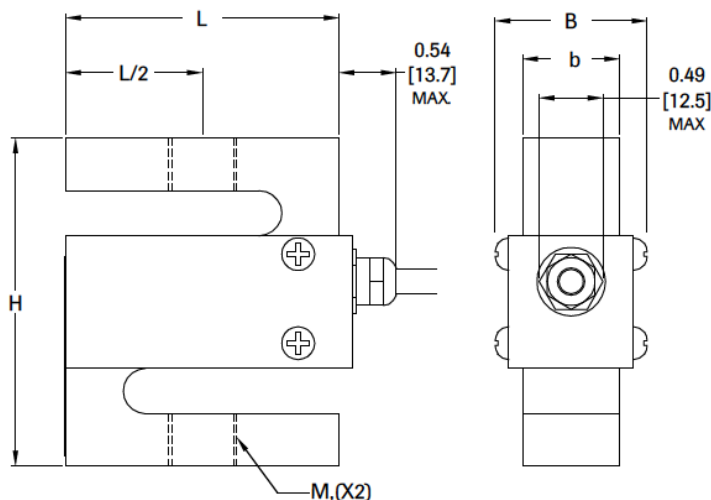
FEATURES

- Capacity: 50lb - 10klb
- Stainless steel construction
- Environmental protection IP67

APPLICATIONS

- Crane scales
- Hanging scales
- Small hopper and tank weighing systems
- Hybrid systems with lever work
- Belt weighers and other load carriers with multiple load cells

OUTLINE DIMENSIONS

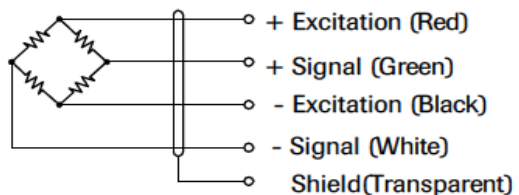


Capacity	L	H	b	B	M
50-250	2.00 (50.8)	2.40 (61.0)	0.46 (11.7)	0.9 (23)	1/4-28
500-1000	2.00 (50.8)	2.40 (61.0)	0.71 (18.0)	1.1 (28)	1/2-20
2000	2.00 (50.8)	2.40 (61.0)	0.96 (24.4)	1.4 (35)	1/2-20
5000	3.00 (76.2)	3.90 (99.1)	0.96 (24.4)	1.3 (34)	3/4-16
10000	3.00 (76.2)	3.90 (99.1)	0.96 (24.4)	1.4 (35)	3/4-16

SPECIFICATIONS

Model	3005	
Capacity (E max)	lb	50, 100, 250, 500, 1k, 2k, 5k, 10k
Full Scale Output (FS)	mV/V	3±0.008
Combined Error	%FS	±0.04
Non-linearity	%FS	±0.03
Non-repeatability	%FS	≤±0.01
Creep @30min	%FS	≤±0.03
Zero Balance	%FS	≤±1
Temperature Effect		
Output	%FS/10°C	≤±0.014
Zero	%FS/10°C	≤±0.017
Temperature Range		
Compensated	°C	-10... +40
Operating	°C	-35... +65
Terminal Resistance		
Input	Ω	386 ±50
Output	Ω	350 ±3
Excitation Voltage	VDC	5-15
Insulation Resistance @50VDC	M Ω	≥5000
Safe Overload Limit	%FS	150
Ultimate Load	%FS	300
Cable Length (K)	ft	20 ^{+0.2} ₋₀
Environmental Protection	IP67	
Element Material	Stainless Steel	

WIRING



Cable : 24 AWG, 4 Conductor foil shielded black cable.

PART NUMBER

Capacity (lb)	Part Number
50	3005-000-05
100	3005-001-05
250	3005-002-05
500	3005-003-05
1,000	3005-004-05
2,000	3005-005-05
5,000	3005-008-05
10,000	3005-009-05



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