

Load Cell Central

1-800-LOADCEL



Model: XTS4

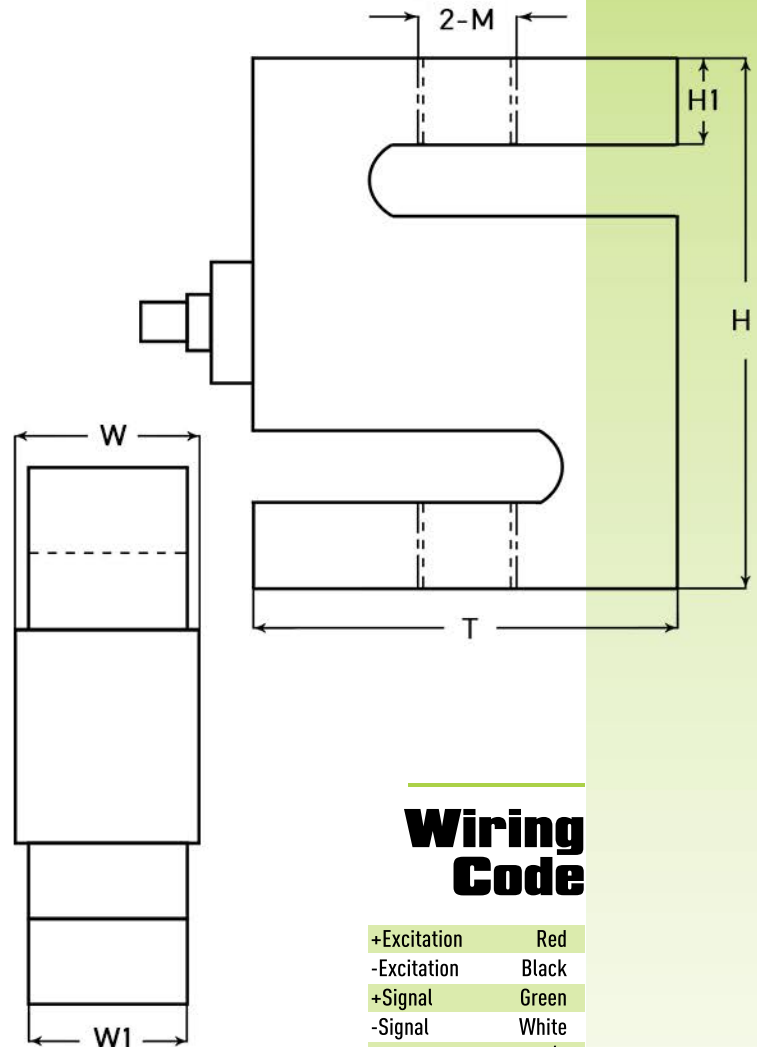
- S-beam load cell
- Tension and compression
- Alloy steel or stainless steel
- IP67 environmental protection rating
- Capacities (lb): 50, 100, 150, 200, 250, 300, 500, 750, 1K, 1.5K, 2K, 2.5K, 3K, 5K, 10K, 15K, 20K

Specifications:

Full scale output	3.0 mV / V nom.
Combined error	<± 0.02% FSO
Non-linearity	<± 0.02% FSO
Hysteresis	<± 0.02% FSO
Non-repeatability	<± 0.01% FSO
Creep error	<± 0.02% FSO in 30 min
Zero balance	<± 1.0% FSO
Compensated temperature range	-10°C - 40°C (14°F - 104°F)
Operating temperature range	-35°C - 65°C (-31°F - 149°F)
Temperature effect on output	± 0.02% FSO / 10°C (18°F)
Temperature effect on zero	± 0.02% FSO / 10°C (18°F)
Input resistance	430 Ω ± 60 Ω
Output resistance	350 Ω ± 3.5 Ω
Insulation resistance	> 5,000 MΩ at 50 VDC
Recommended excitation	5-12 VDC (18 VDC Maximum)
Cable length	6 m (20 ft)
Safe overload	150% FS
Ultimate overload	300% FS
Material	Alloy steel or stainless steel

Dimensions:

Rated capacity (lb)	Dimensions (in)					
	L	H	H1	W	W1	M
50-300	2.00	2.50	0.40	0.66	0.50	1/4-28 UNF
500 -1.5K	2.00	2.50	0.40	0.90	0.75	1/2-20 UNF
2K-2.5K	2.00	2.50	0.40	1.14	1.00	1/2-20 UNF
3K	3.00	4.00	0.60	1.14	1.00	1/2-20 UNF
5K-10K	3.00	4.00	0.79	1.14	1.00	3/4-16 UNF
15K	4.00	5.50	1.18	1.40	1.25	1-4 UNS
20K	5.00	7.00	1.57	2.13	2.00	1 1/4-12 UNF



Wiring Code

+Excitation	Red
-Excitation	Black
+Signal	Green
-Signal	White
+Sense	N/A
-Sense	N/A

ogy, Inc.

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