

Load Cell Central

1-800-LOADCEL

Model: XTS4

S-Beam Load Cell

Ranges from 50 to 20,000 lbs

Capacities (lb): 50, 100, 150, 200, 250, 300, 500, 750, 1 K, 1.5 K, 2 K, 2.5 K, 3 K, 5 K, 10 K, 15 K, 20 K.

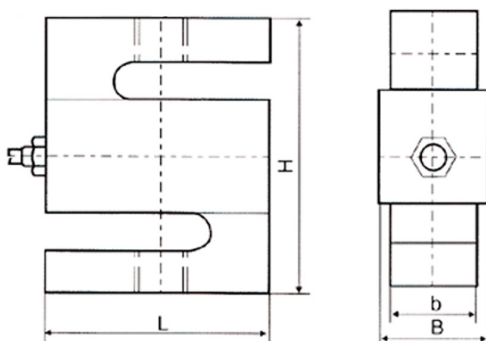
The XTS4 load cell is suitable for a wide range of industrial applications. Designed for use in tension or compression, it is constructed of alloy steel and fully potted to IP67.

Also available in stainless steel.

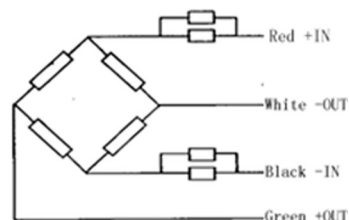


Specifications:

Combined Error	0.02% FS
Rated Output	3.0 ± 0.008 mV / V
Non-Linearity	0.02% FS
Non-Repeatability	0.01% FS
Creep	0.02% FS / 30 min
Input Resistance	430 ± 30 Ω
Output Resistance	350 ± 3 Ω
Insulation Resistance (M Ω)	$\geq 5,000$ (50 VDC)
Zero Balance	1.0% FS
Temp Effect on Output	0.02% FS / 10 $^{\circ}$ C
Temp Effect on Zero	0.02% FS / 10 $^{\circ}$ C
Compensated Temp Range	-10 to 40 $^{\circ}$ C
Operating Temp	-35 to 65 $^{\circ}$ C
Recommended Excitation	10 VDC
Safe Overload	150% FS
Ultimate Overload	200% FS
Cable Length	19.6' (6 meters)



ELECTRICAL CONNECTION:



Capacity (lb)	L	H	b	B	T
50 to 300	2.00	2.50	0.50	0.63	1/4 - 28 UNF
500 to 1.5 K	2.00	2.50	0.75	1.13	1/2 - 20 UNF
2 K to 2.5 K	2.00	2.50	1.00	1.13	1/2 - 20 UNF
3 K	3.00	4.00	1.00	1.13	1/2 - 20 UNF
5 K to 10 K	3.00	4.00	1.00	1.13	3/4 - 16 UNF
15 K	4.00	5.50	1.25	1.38	1 - 14 UNS
20 K	5.00	7.00	2.00	2.13	1 1/4 - 12 UNF

Load Cell Central follows a policy of continuous improvement and reserves the right to change specifications without notice. © 2015

Load Cell Central
28175 Route 220
Milan, PA 18831

Web: www.800loadcel.com
Email: sales@800loadcel.com

Toll Free: 1-800-562-3235
Ph: 1-570-731-7048
Fax: 1-570-731-7054