

S-Type Load Cell

FEATURES

- Capacities:
Aluminum construction— 5, 10, 20 kg;
Alloy Steel construction— 25 to 5000 kg, 250 to 40k lbs
- Bi-directional (tension/compression)
- Rationalized output
- NTEP Class III 5000S, IIIL10000 approval from 250 lbs to 20k lbs
- **Optional**
 - Stainless steel available
 - FM approval available
 - EDOC option available; product appearance will differ from the photograph due to coating



APPLICATIONS

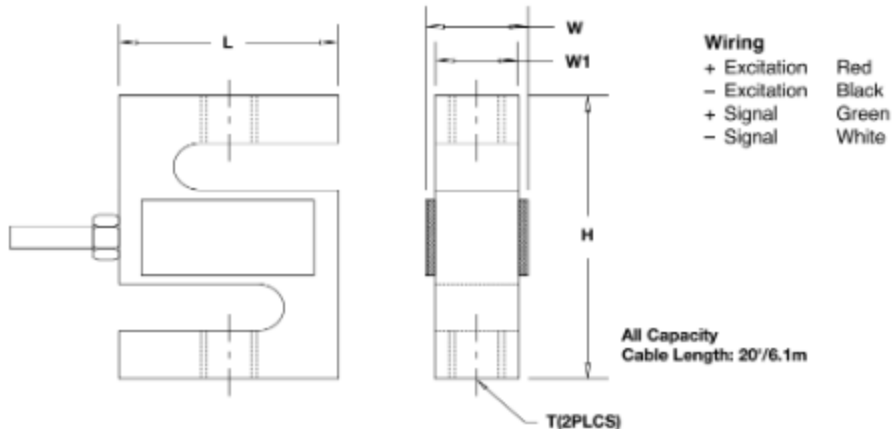
- Electro-mechanical conversion scales
- Silo/hopper/tank weighing
- Crane scales
- Fork-lift scales
- Dosing/filling
- Universal material tester
- Tensile/pulling force measurement

DESCRIPTION

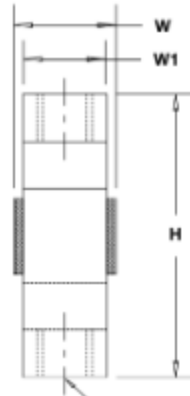
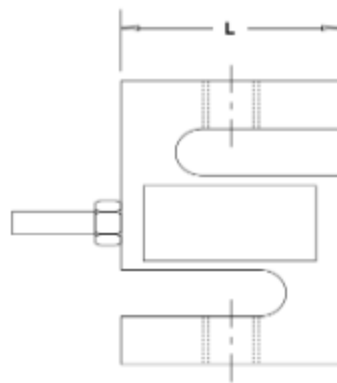
The Model STC is made of Aluminum, Alloy Steel or Stainless Steel, sealed to IP67 providing excellent protection against moisture and humidity.

The S-type load cell, as the name indicates, can be easily identified by its S-shaped body. They can be loaded either in tension or compression, and used for single or multiple-cell application if the output is rationalized.

OUTLINE DIMENSIONS—ALUMINUM in inches (millimeters)



OUTLINE DIMENSIONS—ALLOY STEEL in inches [millimeters]



Wiring
+ Excitation Red
- Excitation Black
+ Signal Green
- Signal White

All Capacity
Cable Length: 20'/6.1m

T(2PLCS)

CAPACITY		L	W	W ₁	H	T
25 / 50 / 75 kg	mm	50.8	26.7	12.7	63.5	M6 x 1.0
	(inch)	2.00	1.05	0.50	2.50	
100 / 150 kg	mm	50.8	22.92	19.1	76.2	M10 x 1.5
	(inch)	2.00	0.9	0.75	3.00	
250 / 300 lbs	mm	50.8	26.7	12.7	76.2	3/8-24UNF
	(inch)	2.00	1.05	0.50	3.00	
250 kg 500 / 750 lbs	mm	50.8	30.4	19.1	76.2	M12 x 1.75
	(inch)	2.00	1.2	0.75	3.00	
500 / 750 kg	mm	50.8	25.4	19.1	76.2	M12 x 1.75
	(inch)	2.00	1.00	0.75	3.00	
1k / 1.5k lbs	mm	50.8	26.1	19.1	76.2	1/2-20UNF
	(inch)	2.00	1.03	0.75	3.00	
1000 / 1500 kg 2k / 2.5k / 3k lbs	mm	50.8	31.8	25.4	76.2	M12 x 1.75
	(inch)	2.00	1.25	1.00	3.00	
5k / 7.5k lbs	mm	76.2	31.8	25.4	107.9	3/4-16UNF
	(inch)	3.00	1.25	1.00	4.25	
2000 / 2500 / 5000 kg	mm	76.2	38.1	31.8	100.4	M20 x 1.5
	(inch)	3.00	1.50	1.25	3.95	
10k lbs	mm	88.9	31.8	25.4	120.7	3/4-16UNF
	(inch)	3.50	1.25	1.00	4.75	
15k lbs	mm	101.6	38.1	31.8	139.7	1-14UNS
	(inch)	4	1.50	1.25	5.50	
20k lbs	mm	127	55.7	50.8	177.8	11/4-12UNF
	(inch)	5	2.19	2	7.00	
40k lbs	mm	152.4	69.9	63.5	254.0	11/2-12UNF
	(inch)	6.00	2.75	2.50	10.00	