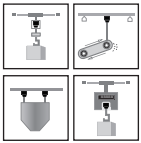
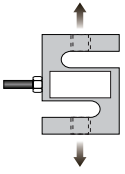


"S" Type



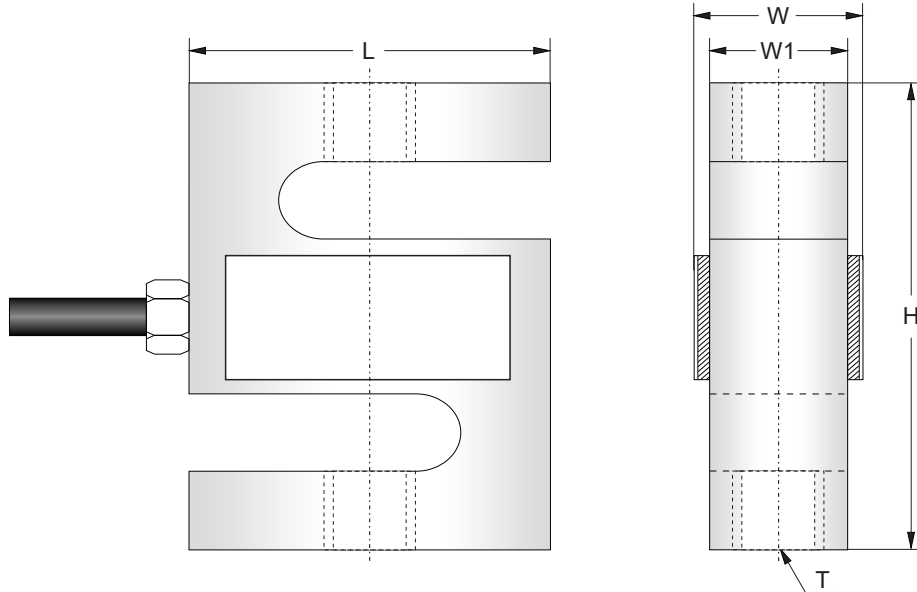
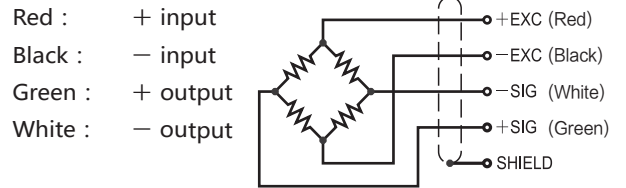
Capacities

5kg, 10kg, 20kg, 25kg, 50kg, 75kg, 100kg, 150kg, 250kg, 500kg, 750kg, 1000kg, 1500kg, 2000kg, 2500kg, 5000kg
 250lbs, 300lbs, 500lbs, 750lbs, 1klbs, 1.5klbs, 2klbs, 2.5klbs, 3klbs, 5klbs, 7.5klbs, 10klbs, 15klbs, 20klbs, 40klbs

Features

- S-Type load cell
- Aluminum construction(1kg-20 kg)
Alloy Steel construction(25kg-5000kg, 250lbs-40klbs)
- Stainless steel available
- Easy to install, stable & reliable
- Suitable for tension measurement, batching systems, blending & mixing systems, belt scales and package systems, etc.
- Environmental Protection IP67

Schematic



“S” Type

Capacities		L	W	W1	H	T
5kg~20kg	mm	50.8	16.6	16.6	63.5	M6×1
	in	0.65	1.05	0.65	2.5	
25kg~75kg	mm	50.8	26.7	12.7	63.5	M6×1
	in	2	1.05	0.5	2.5	
100kg~150kg	mm	50.8	22.92	19.1	76.2	M10×1.5
	in	2	0.9	0.75	3	
250lbs~300lbs	mm	50.8	26.7	12.7	76.2	3/8-24UNF
	in	2	1.05	0.5	3	
250kg 500lbs~750lbs	mm	50.8	30.4	19.1	76.2	M12×1.75 1/2-20UNF
	in	2	1.2	0.75	3	
500kg~750kg	mm	50.8	25.4	19.1	76.2	M12×1.75
	in	2	1	0.75	3	
1klbs~1.5klbs	mm	50.8	26.1	19.1	76.2	1/2-20UNF
	in	2	1.03	0.75	3	
1000kg~1500kg 2klbs~3klbs	mm	50.8	31.8	25.4	76.2	M12×1.75 1/2-20UNF
	in	2	1.25	1	3	
5klbs~7.5klbs	mm	76.2	31.8	25.4	107.9	3/4-16UNF
	in	3	1.25	1	4.25	
2000kg~5000kg	mm	76.2	38.1	31.8	100.4	M20×1.5
	in	3	1.5	1.25	3.95	
10klbs	mm	88.9	31.8	25.4	120.7	3/4-16UNF
	in	3.5	1.25	1	4.75	
15klbs	mm	101.6	38.1	31.8	139.7	1-14UNS
	in	4	1.5	1.25	5.5	
20klbs	mm	127	55.7	50.8	177.8	11/4-12UNF
	in	5	2.19	2	7	
40klbs	mm	152.4	69.9	63.5	254	11/2-12UNF
	in	6	2.75	2.5	10	

Specification

Rated Output	2.0mV/V±0.25% (Aluminum)/	Zero Balance	±1% of rated output
	3.0mV/V±0.25% (Alloy)	Insulation Resistance	≥5000 M ohm (50V DC)
Creep after 30 minutes	< ±0.03% of rated output	Safe Temp. Range	-10°C to + 70°C
Nonlinearity	< ±0.02% of rated output/	Temp. Compensated	-10°C to + 40°C
	< ±0.05% of rated output (Stainless)	Rated Excitation	10V DC/AC
Hysteresis	< ±0.02% of rated output/	Maximum Excitation	15V DC/AC
	< ±0.05% of rated output (Stainless)	Safe Overload	150%
Repeatability	< ±0.02% of rated output	Temp. effect on output	≤0.002% of applied output/°C
Output Impedance	350 ohm ± 3 ohm	Temp. effect on zero	≤0.002% of applied output/°C
Input Impedance	410 ohm ± 5 ohm(Aluminum)/	Rated Excitation	10V DC/AC
	385 ohm ± 5 ohm(Alloy)	Maximum Excitation	15V DC/AC