

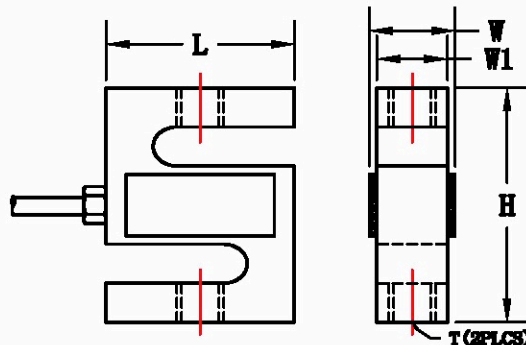
S-Type Load Cell

SPECIFICATIONS:

Standard Capacity	25/50/75kg, 50M, 100kgSE, 200kgSE, 100/150kg, 2tCT, 2.5tCT, 5tCT, 250/500/750kg, 50SS 50/75/100/100B/150/200/200B1b, 200, 250, 300, 500, 750, 1K, 1.5K, 1.5kLO, 2k, 2.5K, 3K, 5K, 7.5K, 10K, 15K, 20K, 40K 1b, 1000, 1500, 2000, 2500, 5000 kg		
Recommended Excitation	10 V AC/DC	Compensated Temp. Range	-10°C to +40°C
Maximum Excitation	15 V AC/DC	Operating Temp. Range	-20°C to +60°C
Output at Rated Load	3 mV/V ±0.25 % * Zero Balance		±1%
Hysteresis Error	0.02% (SS: 0.05%)	Input Resistance	385±5 Ω
Non Linearity	0.02% (SS: 0.05%)	Output Resistance	350±3 Ω
Non Repeatability	0.01%	Insulation Resistance (50VDC)	>5000 MΩ
Creep (20 minutes)	0.03%	Deflection at Rated Load	<1 mm
Zero Return (20 minutes)	0.03%	Safe Overload	150%
Temp. Effect/10°C on Span	0.015%	Ultimate Overload	300%
Temp. Effect/10°C on Zero	0.026%		

*1: STC-501b 50M 1b, 25kg, 50SS output : 2mV/V+/-0.25%, 200KGSE O/P=3mV/V+/-10%;
100/200B 1b O/P=3.25mV/V+/-1.5%

OUTLINE:



All Capacity
Cable Length:
20' / 6.1m
標準長度
可按客戶要求變更

DIMENSIONS:

CAPACITY	DIMENSIONS					
		L	W	W1	H	T
25/50/75 kg 50M 50SS	(mm)	50.8	27.7	12.7	63.5	M6 x 1.0
	(inch)	2.00	1.09	0.50	2.50	
100kgSE	(mm)	50.8	23.7	12.7	63.5	M6 x 1.0
	(inch)	2.00	0.93	0.50	2.50	
100/150 kg 100 kgGT	(mm)	50.8	30.4	19.1	76.2	M10 x 1.5 M12 x 1.75
	(inch)	2.00	1.20	0.75	3.00	
2t~5t CT	(mm)	76.2	31.8	25.4	108.0	M18 x 1.5
	(inch)	3.00	1.25	1.00	4.25	
250/300 1b	(mm)	50.8	27.7	12.7	76.2	3/8-24UNF
	(inch)	2.00	1.09	0.50	3.00	
500/750	(mm)	50.8	30.4	19.1	76.2	1/2-20UNF
	(inch)	2.00	1.20	0.75	3.00	
1K/1.5K1b 1.5KLO	(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 1b	(mm)	50.8	31.8	25.4	76.2	M12 x 1.75 1/2-20UNF
	(inch)	2.00	1.25	1.00	3.00	
1000 kgGT	(mm)	50.8	31.8	25.4	76.2	M18 x 1.5
	(inch)	2.00	1.25	1.00	3.00	
5K/7.5K 1b	(mm)	76.2	31.8	25.4	108	3/4-16UNF
	(inch)	3.00	1.25	1.00	4.25	
200kg SE	(mm)	50.8	30.4	19.1	54.0	M12 x 1.75
	(inch)	2.00	1.20	0.75	2.13	