

Tongda Scales Co.,Ltd

[home](#)
[company profile](#)
[products](#)
[sitemap](#)
[contact us](#)
[certificate](#)


S-type Load Cell TD112

Feature:

Capacity range: 10lb to 40klb & 5kg to 20t;

Nickel plated alloy steel

Compact, lightweight and easy to handle

Moisture protected

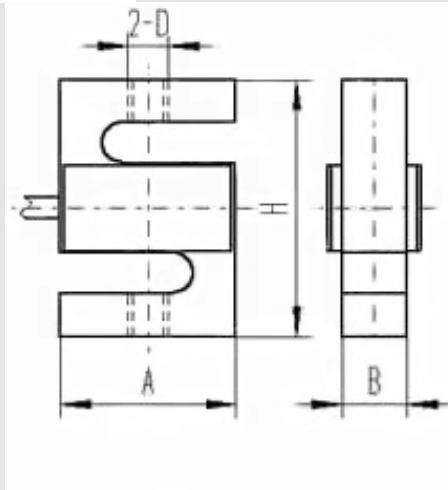
Trade certified for OIML 3,000D

Tension and compression universal loading

Temperature compensation, both zero and span

Can be need for multi-point weighing or scale conversion

Compatible with international standard fixings



capacity	A	B	H	M
5,10,25,50lb	2.00	0.50	2.50	1/4-28UNF-2B
100,150,200lb	2.00	0.50	2.50	1/4-28UNF-2B
250lb	2.00	0.75	3.00	3/8-24UNF-2B
500,750,1000,1500lb	2.00	0.75	3.00	1/2-20UNF-2B
2,2.5,3klb	2.00	1.00	3.00	1/2-20UNF-2B
5,10klb	3.00	1.00	4.25	3/4-16UNF-2B
15klb	4.00	1.25	5.50	3/4-16UNF-2B
20klb	5.00	2.00	7.00	1 1/4-12UNF-2B
40klb	5.50	2.40	7.40	1 1/4-12UNF-2B
2.5,5,10,15,25kg	51	12	63	M6
50,70,100kg	51	12	63	M6
150,250,300,500,700kg	51	19	75	M12

1,1.5t	51	25	75	M12
2,2.5,5t	76	25	108	M20*1.5
7t	102	32	140	M20*1.5
10t	127	50	178	M30*2
20t	140	61	188	M39*2

Specifications

Rated output.....2.95~3.05mV/V
 Non-linearity.....0.03%FSO
 Hysteresis.....0.03%FSO
 Non-repeatability.....0.02%FSO
 Creep in 20minutes.....0.03%FSO
 Temperature effect span.....0.015%FSO/10°C
 Temperature effect zero.....0.026%FSO/10°C
 Compensated temperature range.....-10°C~40°C
 Operating temperature range-40°C~80°C
 Zero balance.....±1%
 Input resistance.....385±15 Ohms
 Output resistance.....350±3 Ohms
 Safe overload.....150%
 Ultimate overload.....300%
 Excitation voltage.....10VDC
 Maximum excitation voltage15VDC
 Insulation resistance.....>2000 Meg-Ohms
 Environmental protection.....IP67
 Cable length.....20ft

Cable colour code:(Tension)

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