

COMPRESSION & TENSION LOAD CELL

Model LTS

S-Type Load Cell

CMC, PA Approved

Senior Alloy Steel

Easy to Install, Stable & Reliable

Fit for Tension Measurement, Batching Systems, etc.



SPECIFICATIONS

Specifications	Accuracy
Rated capacity(R.C.)	100kg,200kg,250kg,500kg,750kg,1t,1.5t,2t,2.5t,5t,10t
Rated output(R.O.)	3.0mV/V $\pm$ 1% / 3.05mV/V $\pm$ 1.64%
Nonlinearity	0.03% of R.O.
Hysteresis	0.03% of R.O.
Repeatability	0.03% of R.O.
Zero balance	1.0% of R.O.
Temperature effect, on rated output	0.02% of LOAD / 10°C
Temperature effect, on zero balance	0.02% of R.O. / 10°C
Temperature range, compensated	-10~50°C
Operating temperature range	-10~70°C
Terminal resistance input	387 $\pm$ 5 Ω
Terminal resistance output	350 $\pm$ 3 Ω
Insulation resistance bridge/case	5000 M ohm (50V DC)
Excitation recommended	10V DC/AC
Safe overload	150% R.C.
Cable length	6m

DIMENSIONS TABLE

unit:mm

Capacity	A	B	C	D	E	M
100kg	50.8	76.2	32.0	19.0	28.0	M10 $\times$ 1.5
200kg ~750kg	50.8	76.2	32.0	19.0	28.0	M12 $\times$ 1.75
1t~1.5t	50.8	76.2	32.0	25.4	35.0	M12 $\times$ 1.75
2t ~5t	76.2	108.0	32.0	25.0	31.0	M18 $\times$ 1.5
10t	127.0	177.8	17.0	50.4	57.0	M30 $\times$ 2.0

