

LOAD BUTTON SPECIFICATION

Model LTCB

LTCB is a threaded load button for tension and compression load measurements up to 5000 kg. Fully welded cover, amplified and digitised versions are available on request. High strength steel construction and options like welded cover enables this model to be used in harsh environments. We can also customise this sensor for other thread sizes and cable sizes.



SPECIFICATIONS

Specifications	Accuracy
Rated capacity(R.C.)	1, 2, 5, 10, 20, 50, 100, 200, 500, 1000, 2000, 5000 kg
Rated output(R.O.)	1mV/V for 1-10kg; 1.5mV/V for 20-5000kg
Nonlinearity	0.5% of R.O.
Repeatability	0.1% of R.O.
Total error	0.8% of R.O.
Zero balance	±2.0% of R.O.
Temperature effect, on rated output	0.02% of FS / 10°C
Temperature effect, on zero balance	0.01% of FS / 10°C
Temperature range, compensated	-15~70°C
Operating temperature range	-20~80°C
Excitation recommended	5V
Safe overload	150% R.C.
IP rating	IP 64
Cable length	3ft, 5ft and 10ft

DIMENSIONS TABLE

unit:mm

Capacity(KG)	D	H	L	T1	T2	B	G
1 / 2 / 5 / 10 20 / 50 / 100 / 200	20	11	4	M3	M3	7	15
500 / 1000	25.4	15	5	M5	M4	7	18
2000 / 5000	32	25	8	M12	M4	12	32

