

MINIATURE COLUMN LOAD CELL

Model LASQ

The miniature column load cells designed for high capacity compression applications. This type is offered in stainless steel with a raised surface radius to overcome off centre loading. This new design can also be offered with tapped mounting holes on the bottom.



SPECIFICATIONS

Specifications	Accuracy
Rated capacity(R.C.)	2k, 5k, 7.5k, 10k, 15k, 30k lbf 10, 25, 50, 100 kN
Rated output(R.O.)	2mV/V
Nonlinearity	1% of R.O.
Hysteresis	1% of R.O.
Repeatability	1% of R.O.
Zero balance	±1.0% of R.O.
Temperature effect, on rated output	0.02% of FS / °C
Temperature effect, on zero balance	0.02% of FS / °C
Temperature range, compensated	-15~70°C
Operating temperature range	-20~70°C
Terminal resistance input	350 Ω
Terminal resistance output	350 Ω
Protection class	Ip64
Excitation recommended	18 V max
Safe overload	150% R.C.

DIMENSIONS TABLE

unit:mm

Capacity	D1	H	L	R	A	B	G
2k, 5k lbf 10, 25 kN	15.9	16.5	15	101.6	M3	3	11.7
7.5k, 10k lbf 50 kN	22.4	22.4	19.6	101.6	M3	3	16.8
15k, 30k lbf 100 kN	31.8	28.7	26.9	127	M4	4	22.9

