

MINIATURE COMPRESSION LOAD CELL

Model LMMB&LMMB2

Optimum suitability for weight distribution analysis.

Super compact and lightweight.

Competitive price. Stainless steel construction.



SPECIFICATIONS

Specifications	Accuracy
Rated capacity(R.C.)	1 kg,2kg,5kg,10kg,20kg,50kg,100kg,200kg,300kg,500kg,1t,2t,3t
Rated output(R.O.)	0.7mV/V to 1.2mV/V
Nonlinearity	1.0% R.O.(1tf~3tf : 2% R.O.)
Hysteresis	1.0% of R.O
Repeatability	1.0% of R.O.
Zero balance	±5.0% of R.O.
Temperature effect, on rated output	0.1% of LOAD / 10°C
Temperature effect, on zero balance	0.05% of R.O. / 10°C
Temperature range, compensated	-10~60°C
Temperature range, safe	-10~80°C
Terminal resistance input	350±30Ω
Terminal resistance output	350±15Ω
Insulation resistance bridge/case	2000 MΩ
Excitation recommended	10V
Safe overload	150% R.C.
Cable length	3mm 4core cable, 3m

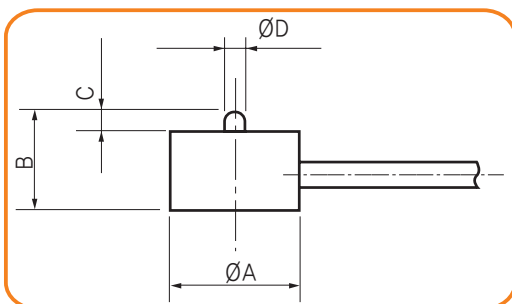
DIMENSIONS TABLE LMMB unit:mm

Capacity	ØA	B	C	ØD	Weight(kg)
1kgf (9.807N)	16	12	2	2.5	0.2
2kgf (19.61N)	16	12	2	2.5	
5kgf (49.03N)	16	12	2	2.5	
10kgf (98.07N)	20	11.5	2	2.5	
20kgf (196.1N)	20	11.5	2	2.5	
50kgf (490.3N)	20	11.5	2	2.5	
100kgf (980.7N)	20	11.5	2	2.5	
200kgf (1.961kN)	20	11.5	2	2.5	0.3
300kgf (2.942kN)	20	14	0.7	4	
500kgf (4.903kN)	20	14	0.7	4	
1tf (9.807kN)	20	14	0.7	4	
2tf (19.61kN)	20	14	0.7	4	
3tf (29.42k)	20	14	0.7	4	

DIMENSIONS TABLE LMMB2 unit:mm

Capacity	ØA	B	PCDC	ØD	Weight(kg)
1kgf (9.807N)	21	12	17	2.5	0.3
2kgf (19.61N)	21	12	17	2.5	
5kgf (49.03N)	21	12	17	2.5	
10kgf (98.07N)	26	12	21	2.5	
20kgf (196.1N)	26	12	21	2.5	
50kgf (490.3N)	26	12	21	2.5	
100kgf (980.7N)	26	12	21	2.5	
200kgf (1.961kN)	26	12	21	2.5	
300kgf (2.942kN)	26	14	21	4	
500kgf (4.903kN)	26	14	21	4	
1tf (9.807kN)	26	14	21	4	
2tf (19.61kN)	26	14	21	4	
3tf (29.42k)	26	14	21	8	

LMMB



LMMB2

