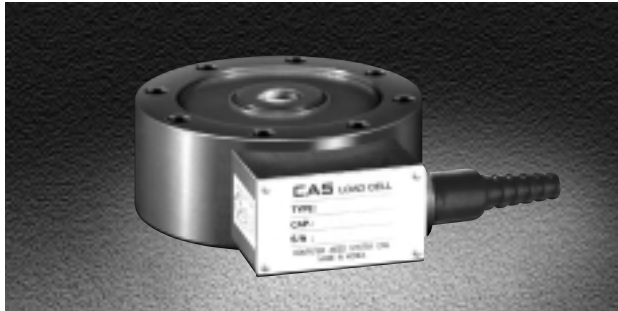


LS/LSU Pan cake load cell, 1tf - 100tf

Load Cell



FEATURES

- Hermetically sealed
- High reliability against fatigue and side force

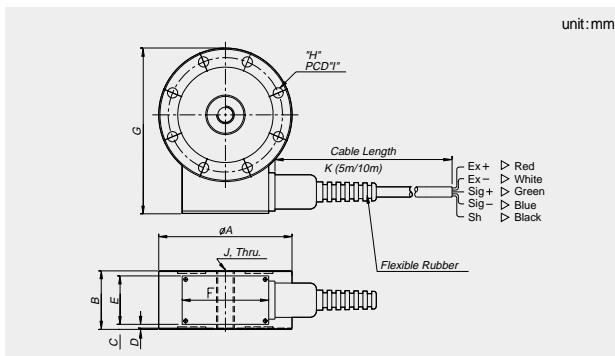
OPTIONS

- High accuracy grade

SPECIFICATIONS

Max. capacity	tf	1, 2, 3, 5, 10, 20, 30, 50(LSU), 100(LSU), 200(LSU)	
Rated output	mV/V	2.0 ± 0.005	
Zero balance	mV/V	0 ± 0.02	
Accuracy class		A	B
Combined error	%	0.02	0.05
Repeatability	%	0.01	0.02
Creep for 30min.	%	0.03	0.03
Temperature effect on			
Zero Value	%/10°C	0.03	0.03
Output value	%/10°C	0.03	0.03
Excitation			
Recommended	V	10	
Maximum	V	15	
Resistance			
Input	Ω	350 ± 3.5	
Output	Ω	350 ± 3.5	
Insulation	MΩ	> 2,000	
Compensated temperature range	°C	-10 to +40	
Operating temperature range	°C	-20 to +80	

DIMENSIONS



Material

Paint finished steel

Cable

Braided shield 4-wire round cable with P.V.C-jacket

Model	Capacity	ϕA	B	C	D	E	F	G	H	I	J	K
LS-1	1tf	112	46	4	1	38	68	141.5	8 - $\phi 6.6$	97.2	M16 \times 2.0	5m
LS-2	2tf											
LS-3	3tf	112	46	4	1	38	68	141.5	8 - $\phi 6.6$	97.2	M16 \times 2.0	
LS-5	5tf	120	46	4	1	38	68	149.5	8 - $\phi 9$	103.2	M18 \times 1.5	
LS-10	10tf	138	60	11	1	38	68	167.5	8 - $\phi 11$	117.6	M24 \times 2.0	
LS-20	20tf	184	80	21	1	38	68	213.5	8 - $\phi 14$	157.6	M39 \times 2.0	
LS-30	30tf											
LSU-50	50tf	200	60	11	1	38	68	229.5	12 - $\phi 14.3$	170	M45 \times 3.0	
LSU-100	100tf	278	90	31	1	38	68	307.5	16 - $\phi 16.3$	229	M70 \times 3.0	
LSU-200	200tf	355	108	35	1	38	68	384.5	12 - $\phi 26$	298	M90 \times 3.0	