

Low Profile Load Cell

LPL400

1tf~100tf

MiGun cell



Material: Nickel plated steel / Stainless Steel(Optional)
Paint finished steel

Cable: Braided shield 4-wire round cable

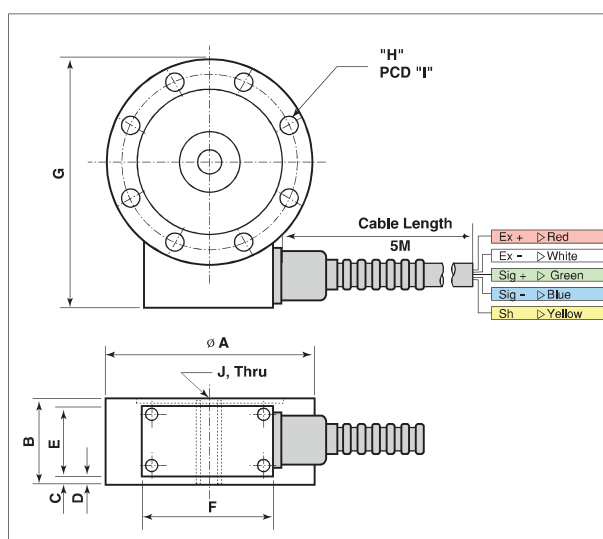
FEATURES

- Hermetically sealed
- High reliability against fatigue and force

OPTIONS

- High accuracy grade
- Stainless steel

DIMENSIONS (unit : mm)



Model	Capacity	ø A	B	C	D	E	F	G	H	I	J
LPL400 - 1tf	1 tf	112	46	4	1	38	68	141.5	8 - ø 6.6	97.2	M16 × 2.0
LPL400 - 2tf	2 tf										
LPL400 - 3tf	3 tf	112	46	4	1	38	68	141.5	8 - ø 6.6	97.2	M16 × 2.0
LPL400 - 5tf	5 tf	120	46	4	1	38	68	149.5	8 - ø 9	103.2	M18 × 1.5
LPL400 - 10tf	10 tf	138	60	11	1	38	68	167.5	8 - ø 11	117.6	M24 × 2.0
LPL400 - 20tf	20 tf	184	60	11	1	38	68	213.5	8 - ø 14	157.6	M39 × 2.0
LPL400 - 50tf	50 tf	200	80	21	1	38	68	229.5	12- ø 14.3	170	M45 × 3.0
LPL400 - 100tf	100 tf	278	90	31	1	38	68	307.5	16- ø 16.3	229	M70 × 3.0

※ Option: Material selection(Aluminum or stainless steel)

SPECIFICATIONS

Rated capacity(R.C.)	kgf, tf	1, 2, 3, 5, 10, 20, 50, 100tf	
Rated output(R.O.)	mV/V	2.0 ± 0.005	
Zero balance	mV/V	0 ± 0.02	
Accuracy class		H	G
Combined error	%	0.02	0.05
Repeatability	%	0.01	0.02
Creep for 30 min	%	0.03	0.03
Temperature effect on			
Zero Value	%/10℃	0.03	0.03
Output Value	%/10℃	0.03	0.03
Excitation			
Recommended	V	10	
Maximum	V	15	
Resistance			
Input	Ω	400 ± 30	
Output	Ω	350 Ω ± 3.5	
Insulation	MΩ	> 2,000	
Compensated temperature range	℃	-10 to + 40	
Operating temperature range	℃	-30 to + 80	