

LCLF-B01 Pancake Load Cell

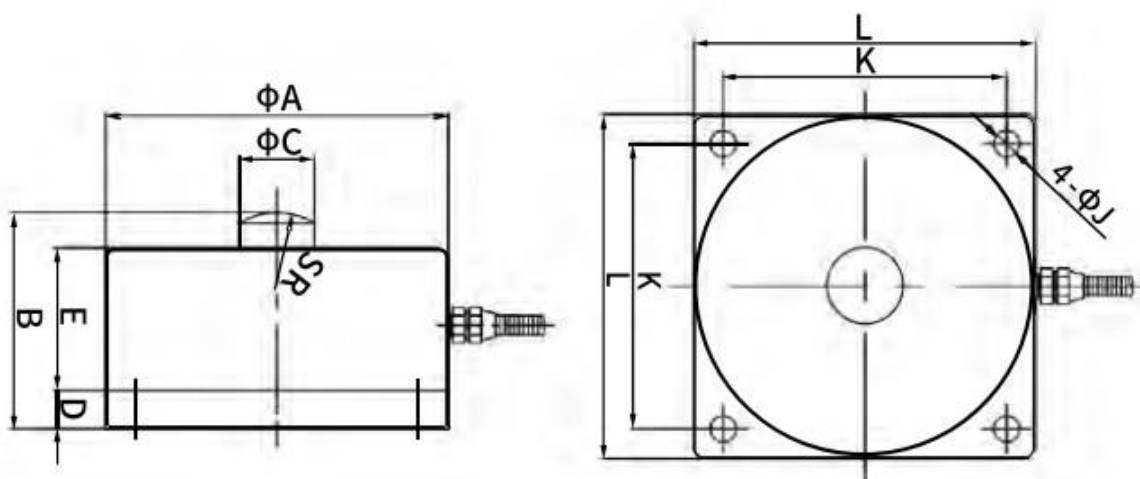
Characteristics & Usage:

Capsule structure, compact structure, high comprehensive accuracy, good long-term stability, nickel-plated surface of high-quality alloy steel

Universal material testing machine, hopper scale, hook scale, packing scale, belt scale, plug-in force tester and other tension and pressure testing instruments as well as automation equipment.



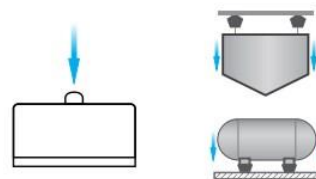
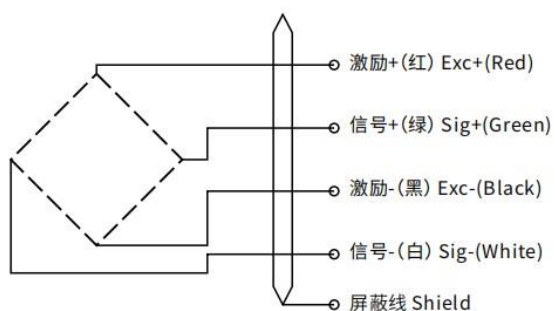
Dimensions (mm) :



Capacity	ΦA	B	ΦC	D	E	K	L	SR	4- ΦJ
0.2-0.7t	72	41	16	8	25	62	72	13	4.6
1-8t	88	53	20	10	34	75	88	20	5.6
10-15t	114	70	25	13	46	95	114	25	6.5
20-50t	145	91	32	16	60	120	145	30	11

Sensor wiring diagram

Force diagram



Technical parameters

量程 Capacity	0-50T	材质 Material	合金钢 Alloy Steel
输出灵敏度 Rated Output	2.0±0.05mV/V	阻抗 Impedance	700/1400 Ω
零点输出 Zero Balance	±1% F.S.	绝缘电阻 Insulation	≥5000M Ω /100VDC
非线性 Non-linearity	0.05% F.S.	使用电压 Recommended Excitation	5-15V
滞后 Hysteresis	0.05% F.S.	工作温度范围 Operating Temp range	-20~80℃
重复性 Repeatability	0.03% F.S.	安全超载 Safe Load Limit	150%
蠕变 (30 分钟) Creep (30 Min)	0.03% F.S.	极限超载 Ultimate Load Limit	200%
温度灵敏度漂移 Temp Effect on Output	0.03% F.S. /10℃	电缆线规格 Cable Specifications	Φ5*3m/5m
零点温度漂移 Temp Effect on Zero	0.03% F.S. /10℃	线缆极限拉力 Cable ultimate pull	10kg
响应频率 Response frequency	10kHz	TEDS Optional 可选	