

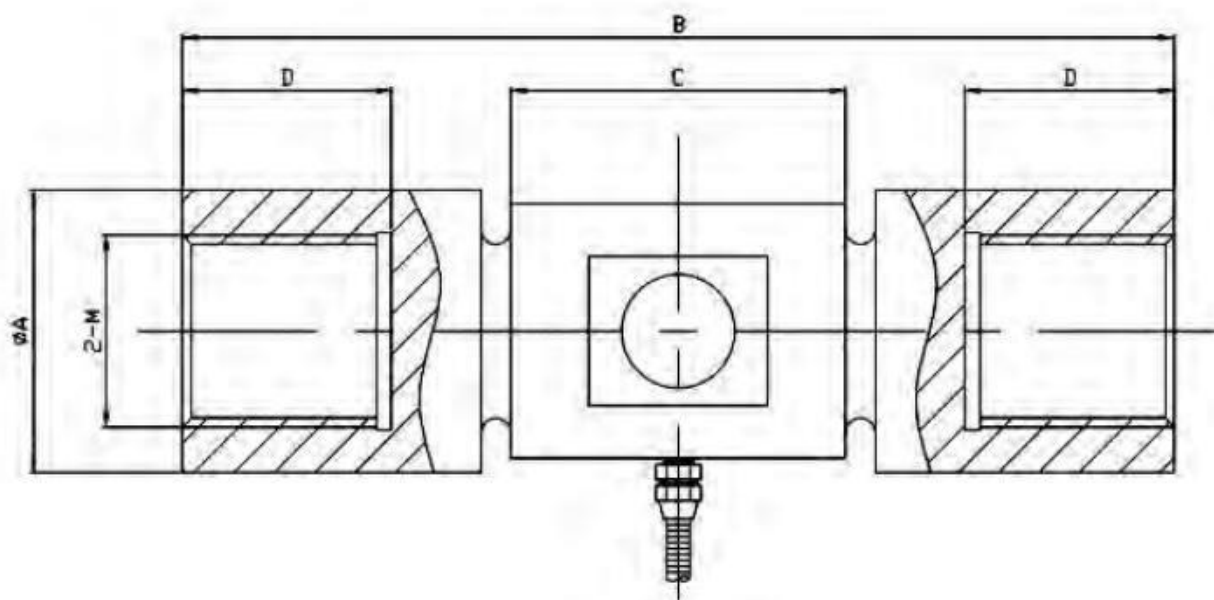
LCZ-A14 Column Type Load Cell

Characteristics & Usage:

Compact structure, high comprehensive accuracy, good long-term stability, high quality alloy steel surface nickel plating

The Peld of tension and pressure testing instruments such as heavy duty testing machine, hopper scale, hook scale, packing scale, belt scale, plug-in force tester, automation equipment and testing field.

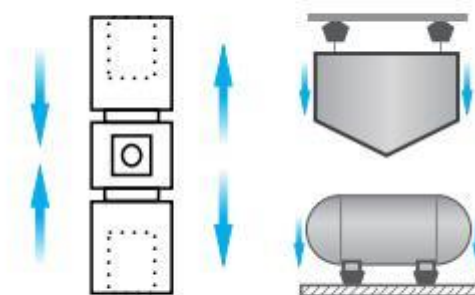
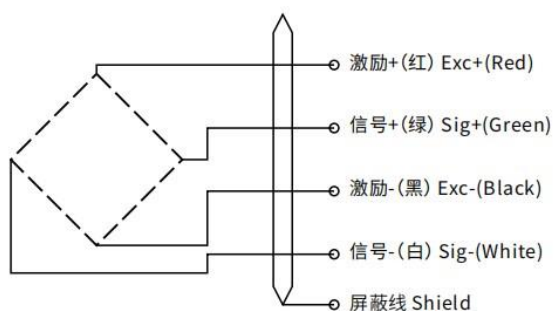
Dimensions (mm) :



Capacity(T)	ΦA	B	C	2-M	D
20	60	180	64	M36*4	40
30	76	213	73	M45*4.5	45
50	94	332	112	M64*3	70
100	112	367	130	M76*3	80

Sensor wiring diagram

Force diagram



Technical parameters

量程 Capacity	0-100T	材质 Material	合金钢 Alloy Steel
输出灵敏度 Rated Output	$1.5 \pm 0.05 \text{ mV/V}$	阻抗 Impedance	350 Ω
零点输出 Zero Balance	$\pm 1\% \text{ F.S.}$	绝缘电阻 Insulation	$\geq 5000 \text{ M}\Omega / 100 \text{ VDC}$
非线性 Non-linearity	0.1% F.S.	使用电压 Recommended Excitation	10-15V
滞后 Hysteresis	0.1% F.S.	工作温度范围 Operating Temp range	-20~80°C
重复性 Repeatability	0.05% F.S.	安全超载 Safe Load Limit	120%
蠕变 (30 分钟) Creep (30 Min)	0.5% F.S.	极限超载 Ultimate Load Limit	150%
温度灵敏度漂移 Temp Effect on Output	0.1% F.S. /10°C	电缆线规格 Cable Specifications	$\Phi 5 \times 3 \text{ m}$
零点温度漂移 Temp Effect on Zero	0.1% F.S. /10°C	线缆极限拉力 Cable ultimate pull	10kg
响应频率 Response frequency	10kHz	TEDS Optional 可选	