

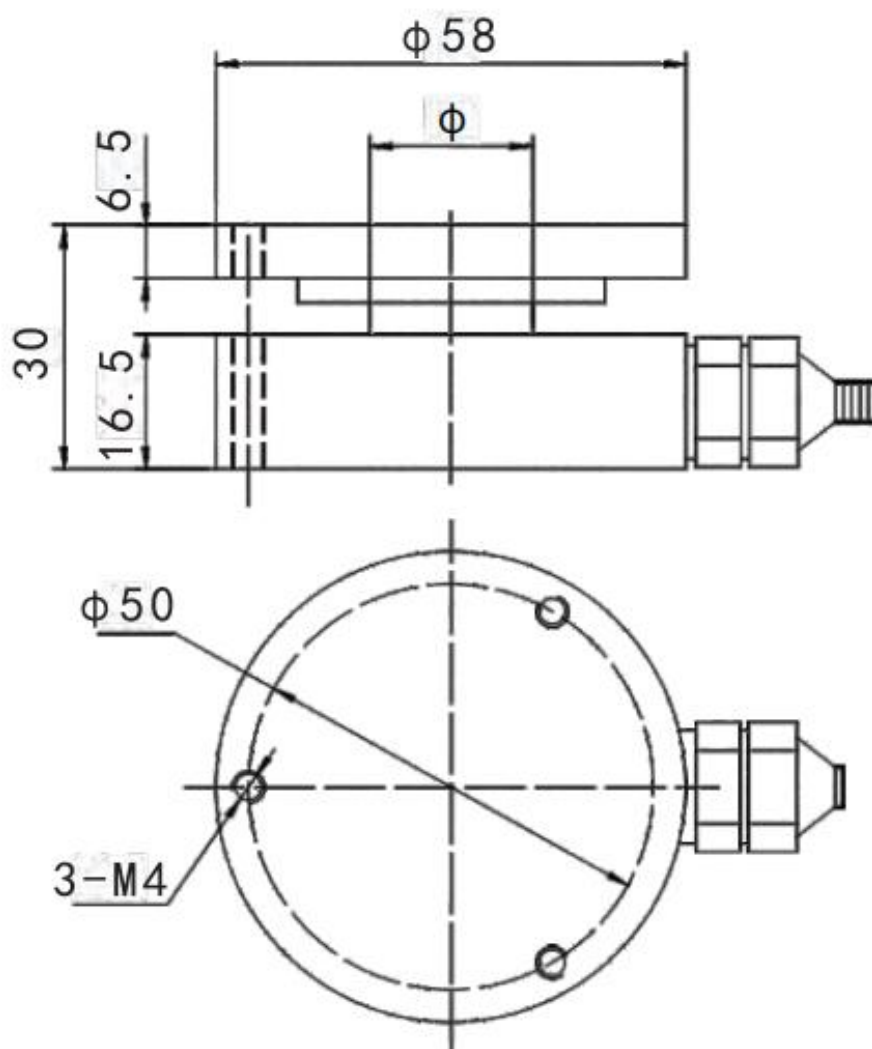
LCMH-B02 Inline Load Cell

Characteristics & Usage:

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

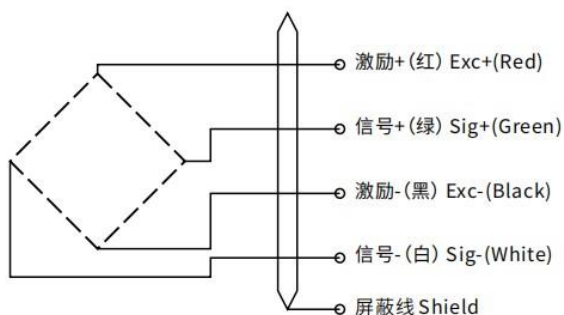
Automobile press, automatic assembly, 3C product testing, robotics, mold assembly and other industrial testing, automation equipment and testing field.

Dimensions (mm) :

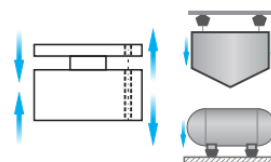


Capacity	Φ
50kg 100kg 200kg 300kg 500kg	10
1T 2T 3T 5T 10T	20

Sensor wiring diagram



Force diagram



Technical parameters

量程 Capacity	50kg-10T	材质 Material	合金钢 ALloy Steel
输出灵敏度 Rated Output	1.0-2.0±0.05mV/V	阻抗 Impedance	700Ω
零点输出 Zero Balance	±2% F.S.	绝缘电阻 Insulation	≥5000MΩ /100VDC
非线性 Non-linearity	0.5% F.S.	使用电压 Recommended Excitation	5-15V
滞后 Hysteresis	0.1% F.S.	工作温度范围 Operating Temp range	-20~80℃
重复性 Repeatability	0.1% F.S.	安全超载 Safe Load Limit	150%
蠕变 (30 分钟) Creep (30 Min)	0.1% F.S.	极限超载 Ultimate Load Limit	200%
温度灵敏度漂移 Temp Effect on Output	0.05% F.S. /10℃	电缆线规格 Cable Specifications	Φ5*2m
零点温度漂移 Temp Effect on Zero	0.05% F.S. /10℃	线缆极限拉力 Cable ultimate pull	10kg
响应频率 Response frequency	10kHz	TEDS Optional 可选	