

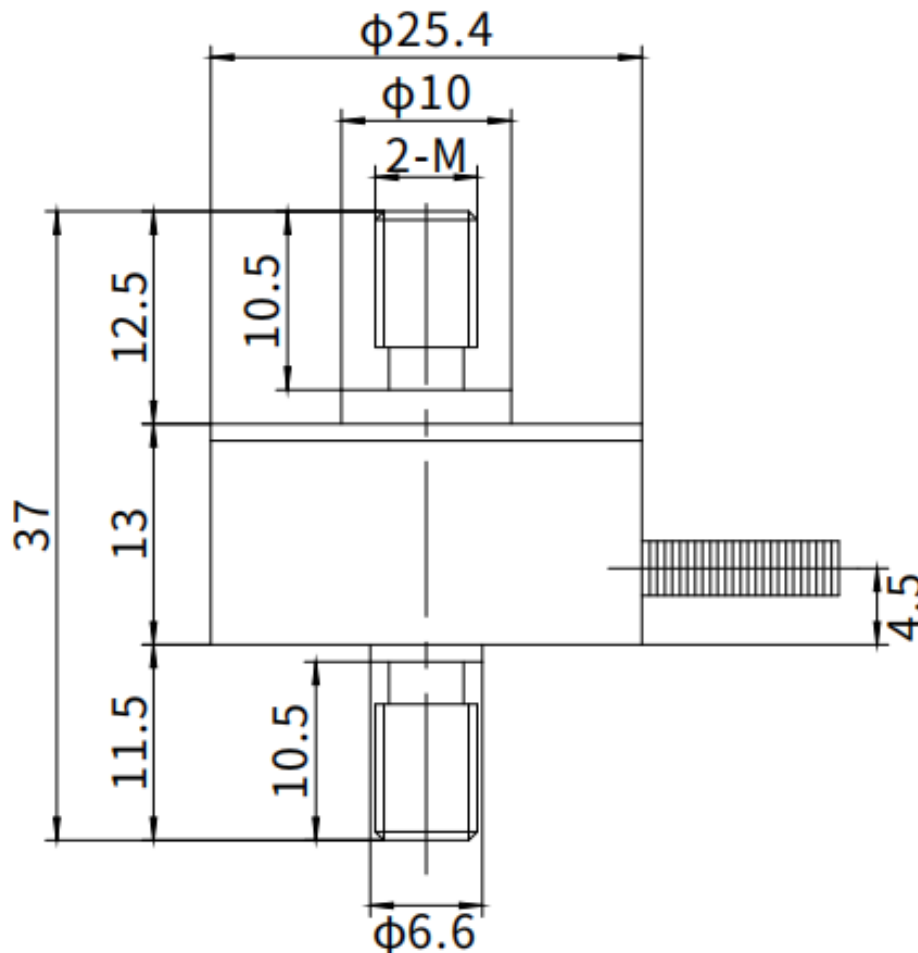
LCMH-B03 Inline Load Cell

Characteristics & Usage:

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

Automobile press putting, automatic assembly, 3C product testing, new energy product assembly, medical testing, robotics, mold assembly and other industrial testing, automation equipment and testing pelds.

Dimensions (mm) :

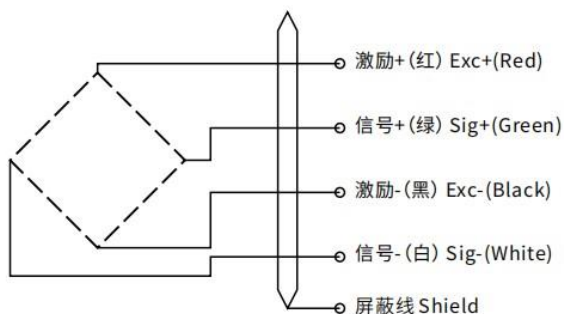


Capacity(kg)	M
1-50	M5
60-100	M6

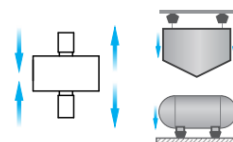
200-500

M8

Sensor wiring diagram



Force diagram



Technical parameters

量程 Capacity	0-500kg	材质 Material	不锈钢 Stainless Steel
输出灵敏度 Rated Output	1.0-1.5±10% mV/V	阻抗 Impedance	350 Ω
零点输出 Zero Balance	±2% F.S.	绝缘电阻 Insulation	≥5000M Ω /100VDC
非线性 Non-linearity	0.3% F.S.	使用电压 Recommended Excitation	0-10V
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)	0.2% F.S.	极限超载 Ultimate Load Limit	200%
温度灵敏度漂移 Temp Effect on Output	0.1% F.S. /10℃	电缆线规格 Cable Specifications	Φ3*2m
零点温度漂移 Temp Effect on Zero	0.1% F.S. /10℃	线缆极限拉力 Cable ultimate pull	10kg
响应频率 Response frequency	10kHz	TEDS Optional 可选	