

LCDW-A05 Multi Axis Load Cell

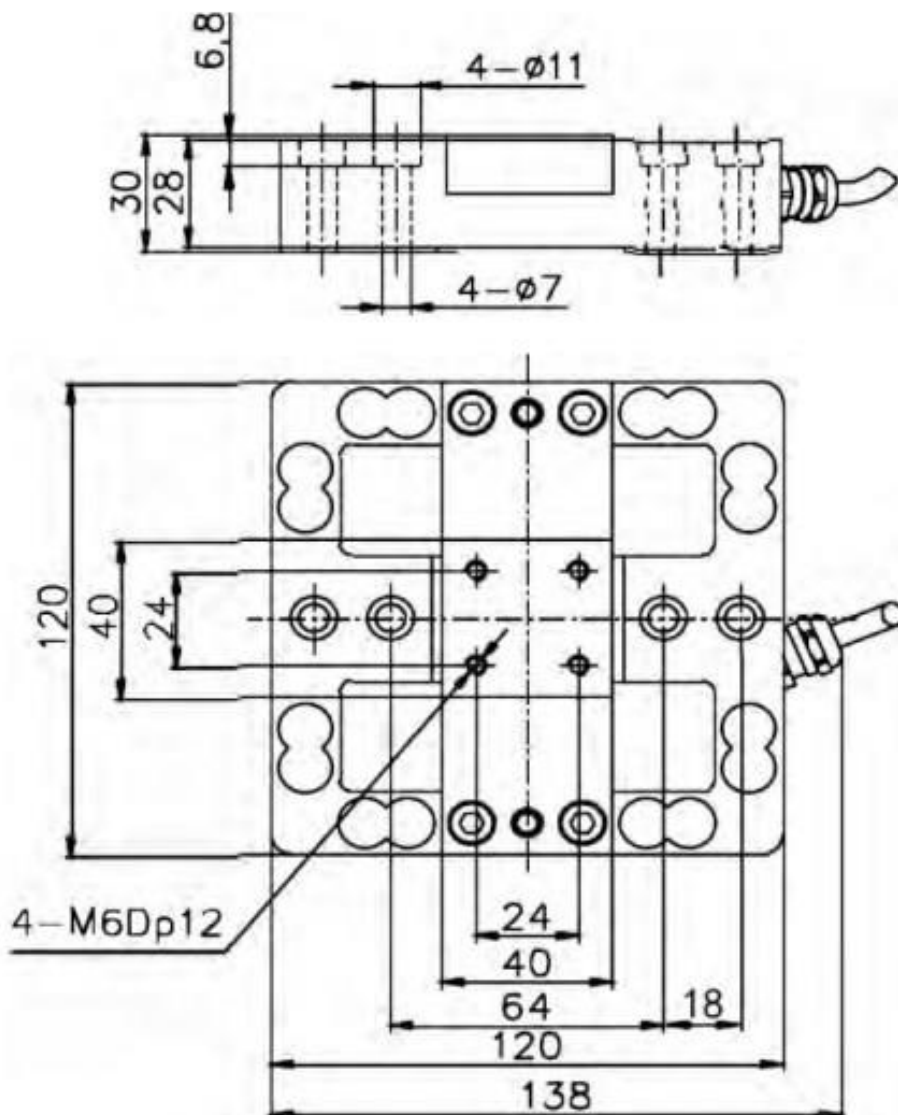
Characteristics & Usage:

It has the advantages of bi-directional tension and compression, compact structure, high comprehensive precision, good long-term stability and nickel plating on the 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 and testing field.

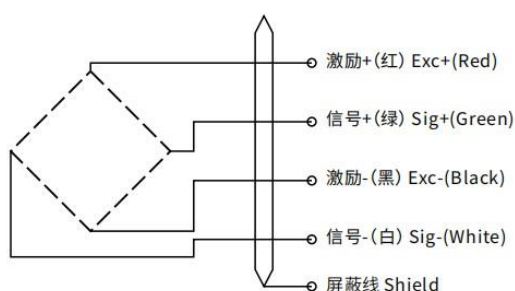


Dimensions (mm) :

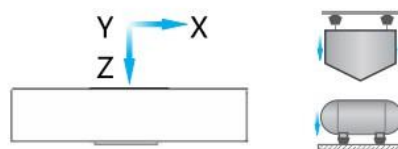


Force Direction Capacity (N)	
X	100/200/500/1000/2000/5000
Y	100/200/500/1000/2000/5000
Z	100/200/500/1000/2000/5000

Sensor wiring diagram



Force diagram



Technical parameters

量程 Capacity	100~5000N	材质 Material	铝合金 Aluminum alloy/ 合金钢 Alloy Steel
输出灵敏度 Rated Output	1.0mV/V	阻抗 Impedance	700 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	5-15V
滞后 Hysteresis	0.1% F.S.	工作温度范围 Operating Temp range	-20~75℃
重复性 Repeatability	0.5% F.S.	安全超载 Safe Load Limit	150%
蠕变 (30 分钟) Creep (30 Min)	0.5% F.S.	极限超载 Ultimate Load Limit	300%
耦合精度 Coupling accuracy	0.5% F.S.	电 缆 线 规 格 Cable Specifications	Φ6*4m
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	