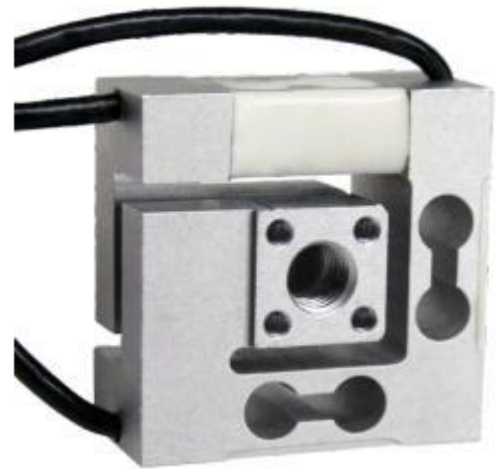


LCDW-A04 Multi Axis Load Cell

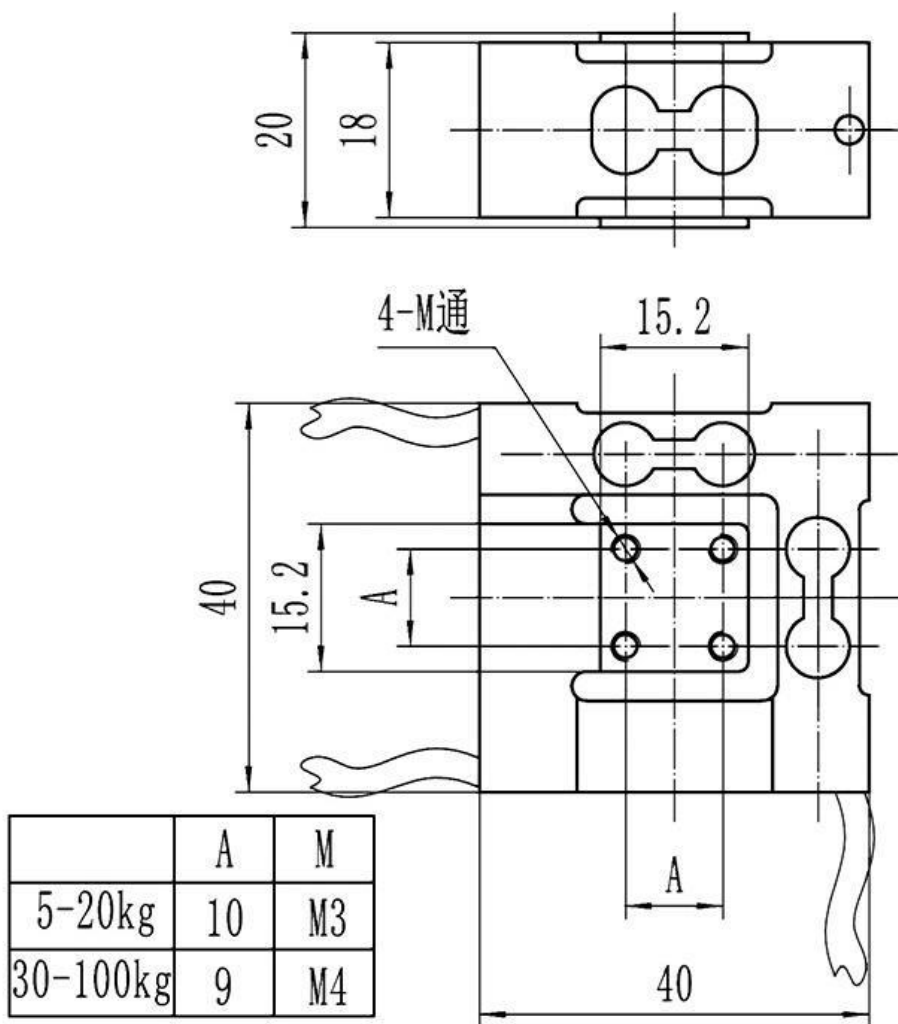
Characteristics & Usage:

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.

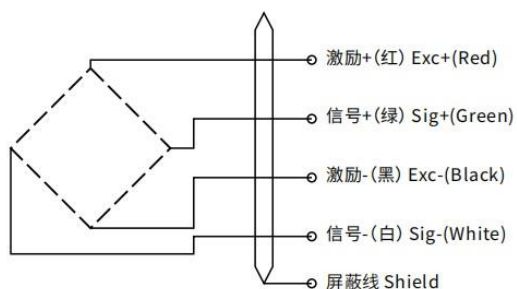
Universal material testing machine, hopper scale, hook scale, packing scale, belt scale, plug-in force tester and other tension and pressure testing instruments as well as automation equipment and testing field.



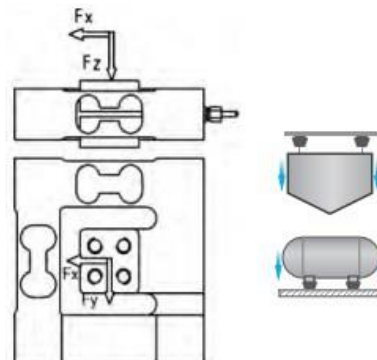
Dimensions (mm) :



Sensor wiring diagram



Force diagram



Technical parameters

量程 Capacity	5-100kg	材质 Material	铝合金 Aluminum alloy/ 合金钢 Alloy Steel
输出灵敏度 Rated Output	1.0-1.5mV/V	阻抗 Impedance	350 Ω
零点输出 Zero Balance	$\pm 2\%$ F.S.	绝缘电阻 Insulation	$\geq 5000M \Omega / 100VDC$
非线性 Non-linearity	0.3% F.S.	使用电压 Recommended Excitation	5-15V
滞后 Hysteresis	1.0% F.S.	工作温度范围 Operating Temp range	-20~80℃
重复性 Repeatability	0.05% F.S.	安全超载 Safe Load Limit	120%
蠕变 (30 分钟) Creep (30 Min)	0.05% F.S.	极限超载 Ultimate Load Limit	150%
耦合精度 Coupling accuracy	0.5% F.S.	电缆线规格 Cable Specifications	$\Phi 3 \times 2m$
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	