LCDW-A01 Multi Axis Load Cell

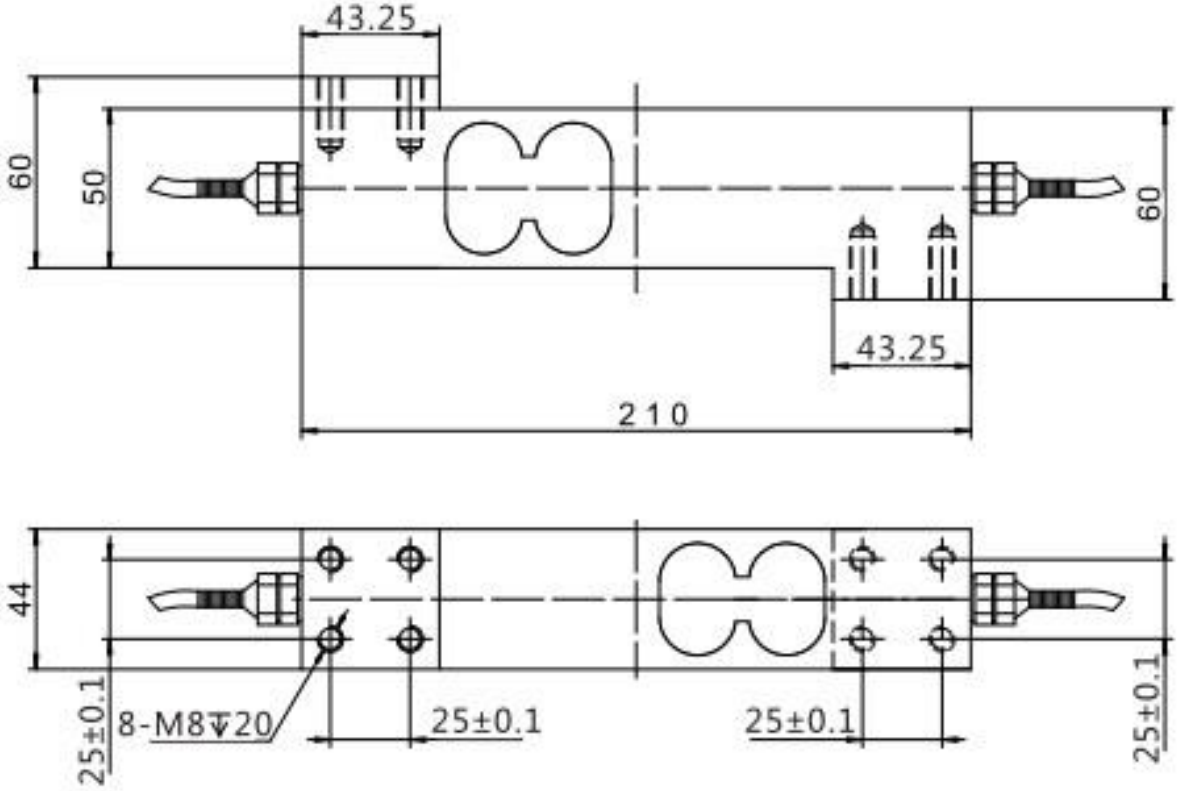
Characteristics & Usage:

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.



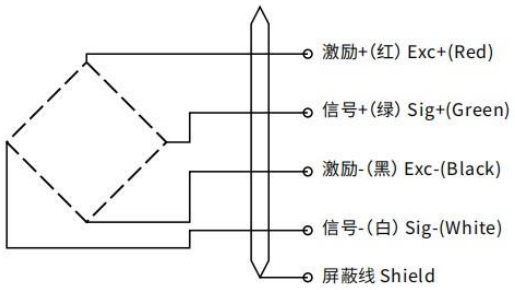
Universal material testing machine, hopper scale, hook scale, packing scale, belt scale, plug-in force tester and other tension and pressure testing instruments as well as automation equipment and testing field.

Dimensions（mm）:

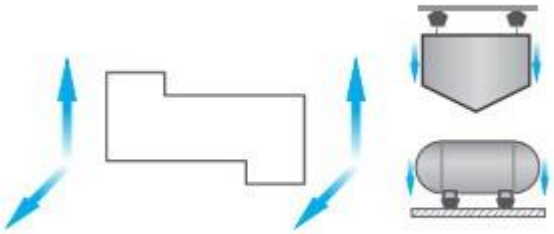


Force Direction Capacity(kg）					
X	50	100	200	500	1000
Y	50	100	200	500	1000

Sensor wiring diagram



Force diagram



Technical parameters

量程 Capacity	0-1000kg	材质 Material	合金钢 Alloy Steel
输出灵敏度 Rated Output	1.0mV/V	阻抗 Impedance	350 Ω
零点输出 Zero Balance	±2% F.S.	绝缘电阻 Insulation	≥5000MΩ/100VDC
非线性 Non-linearity	0.1% 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	0.1% 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	300%
温度灵敏度漂移 Temp Effect on Output	0.05% F.S. /10℃	电缆线规格 Cable Specifications	Φ5*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	