

LCHW-B13 Mini Load Cell

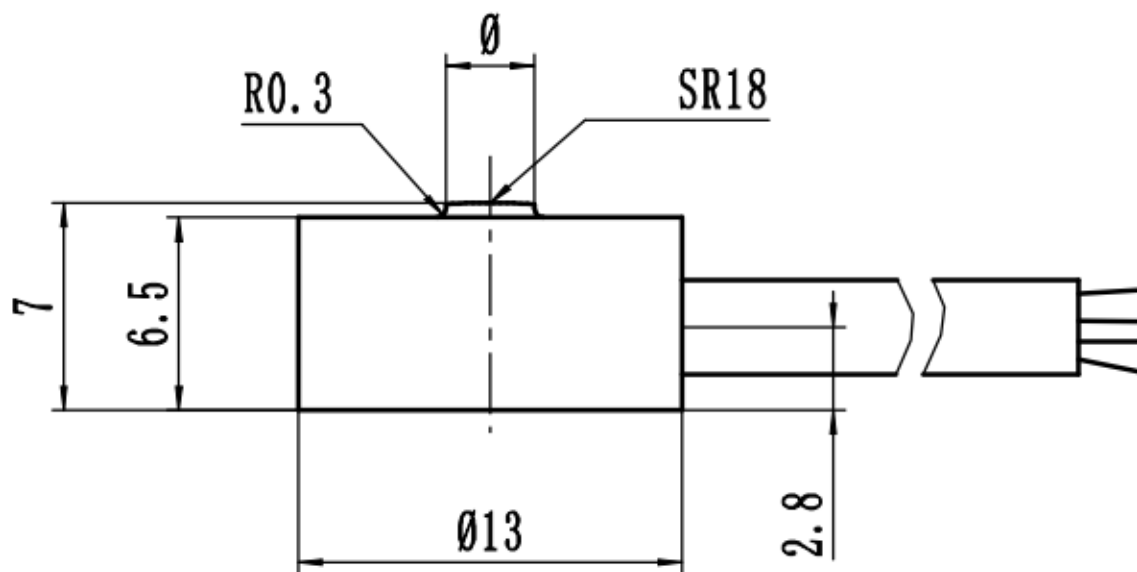
Characteristics & Usage:

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

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.



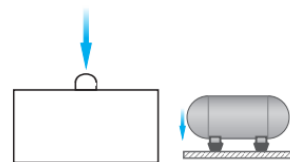
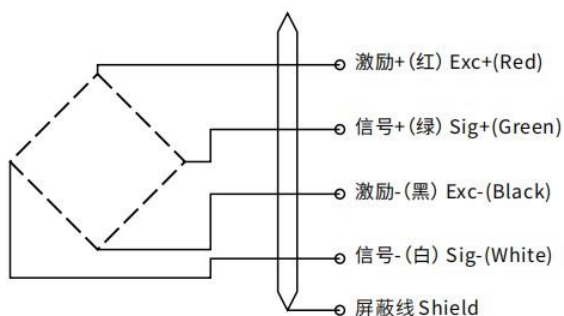
Dimensions (mm) :



Capacity(kg)	Φ
5-20kg	Φ-2
30-200kg	Φ-3

Sensor wiring diagram

Force diagram



Technical parameters

量程 Capacity	1~100kg	材质 Material	不锈钢 Stainless Steel
输出灵敏度 Rated Output	1.0-2.0mV/V	阻抗 Impedance	500/1000 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	0.5% F.S.	使用电压 Recommended Excitation	5-10V
滞后 Hysteresis	0.5% F.S.	工作温度范围 Operating Temp range	-20~80 $^{\circ}C$
重复性 Repeatability	0.3% 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	0.5% F.S. /10 $^{\circ}C$	电缆线规格 Cable Specifications	$\Phi 2 \times 1m$
零点温度漂移 Temp Effect on Zero	0.5% F.S. /10 $^{\circ}C$	线缆极限拉力 Cable ultimate pull	10kg
响应频率 Response frequency	10kHz	TEDS Optional 可选	