

Type SBST Load Cell



Features

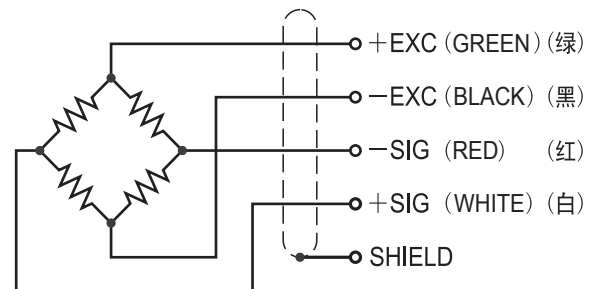
主要特点

- Single ended shear beam load cell
- Stainless steel construction
- High accuracy
- High stability
- Easy to install
- High input resistance
- Suitable for backage systems and batching systems, etc.
- 悬臂梁式
- 优质不锈钢材质
- 高精度
- 高稳定性
- 安装简便、快速
- 高输入阻抗
- 适用于包装秤和配料秤等

Schematic

接线方式

Green :	+ input	绿色 :	+ 激励
Black :	- input	黑色 :	- 激励
White :	+ output	白色 :	+ 信号
Red :	- output	红色 :	- 信号

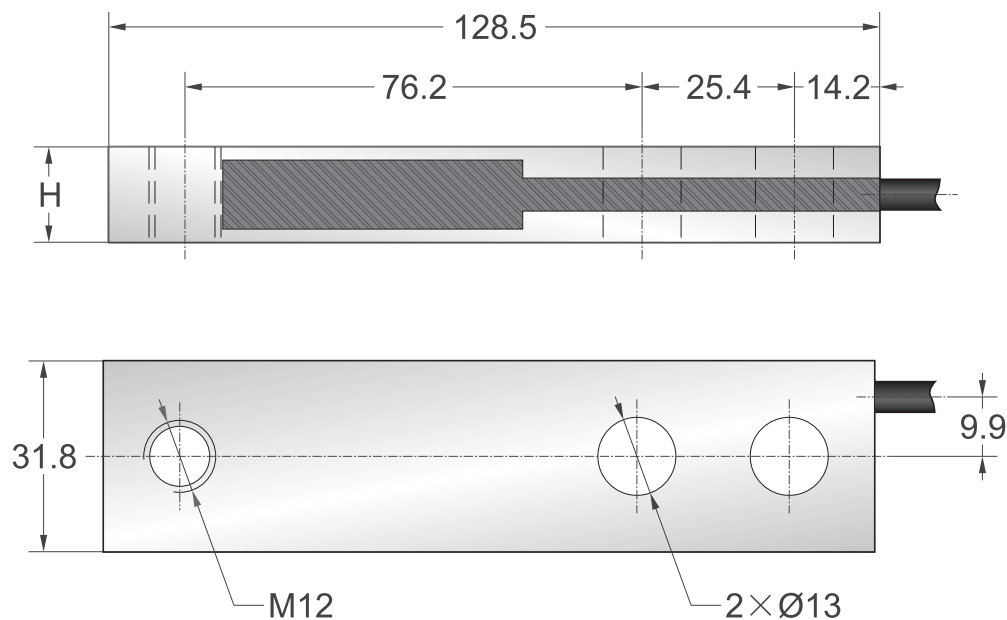


Capacities

量程

200kg, 500kg, 1000kg, 2000kg

Dimensions 尺寸

 Single Ended
Shear Beam


Capacity/量程		H
200kg	mm	12.7
500kg	mm	15.9
1000kg	mm	19.1
2000kg	mm	25.4

Specification 技术参数

Rated Output	额定输出	2.0mV/V $\pm 0.1\%$
Zero Balance	零点平衡	$\pm 1\%$ of rated output
Creep after 30 minutes	蠕变	$\pm 0.03\%$ of rated output
Nonlinearity	非线性	$\pm 0.03\%$ of rated output
Hysteresis	滞后	$\pm 0.02\%$ of rated output
Repeatability	重复性	$\pm 0.02\%$ of rated output
Temp. effect on output	灵敏度温漂	$\leq 0.002\%$ of applied output/ $^{\circ}\text{C}$
Temp. effect on zero	零点温漂	$\leq 0.002\%$ of rated output/ $^{\circ}\text{C}$
Safe Temp. Range	可用温度范围	-10°C to $+70^{\circ}\text{C}$
Temp. Compensated	温度补偿范围	-10°C to $+40^{\circ}\text{C}$
Safe Overload	安全载荷	150%
Ultimate Overload	极限载荷	300%
Input Impedance	输入阻抗	1100 ohm ± 20 ohm
Output Impedance	输出阻抗	1090 ohm ± 5 ohm
Insulation Resistance	绝缘阻抗	≥ 5000 M ohm (50V DC)
Rated Excitation	推荐激励电压	10V DC/AC
Maximum Excitation	最大激励电压	15V DC/AC
Cable Length	导线长度	3m
Cable Color Code	导线颜色	Green(+E) Black(-E) White(+S) Red(-S)