

## 型号 : SBT630B

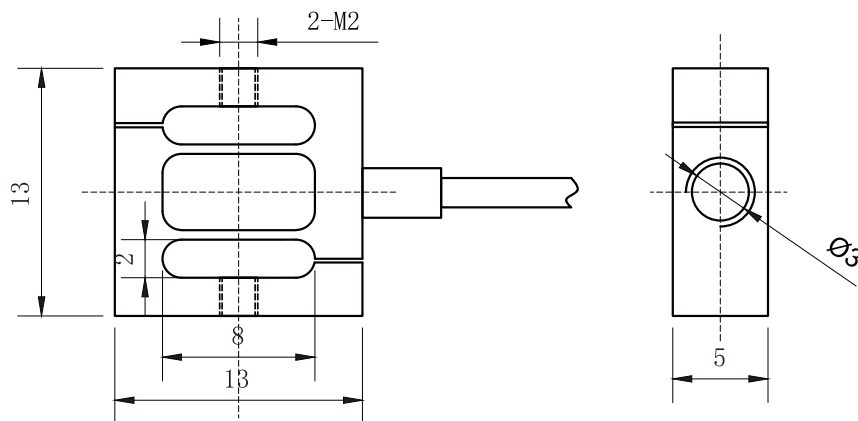


## 特点与用途/Features&Application

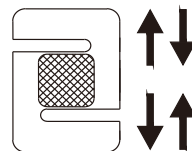
广泛应用于小空间拉力测试、张力测试等各种工业自动化设备。  
键盘手感，按键测力等，测量精度优于 $\pm 0.15\%$ ，长期稳定性好重复性，可靠性高，采用不锈钢材质

Widely used in small space tension test, tension test, etc.  
Various kinds of industrial automation equipment., Keyboard, button load, etc. Measurement precision is better than that of soil by 0.1% Long-term stability is good.

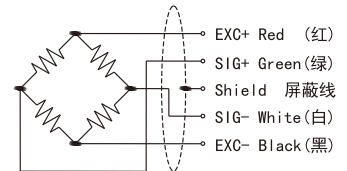
## 安装尺寸/Mounting Dimension



## 受力方式/Load Direction



## 接线图/Wiring



## 技术参数/Technical Parameters

| 参数      | Specifications         | 技术指标/Technique                               |
|---------|------------------------|--|
| 传感器量程   | Rated load             | 0.5, 1, 2, 3kg                               |
| 综合误差    | Comprehensive error    | $\leq \pm 0.15\%$                            |
| 非线性     | Non-linearity          | 0.15%  |
| 灵敏度     | Rated output           | $2.0 \pm 10\% \text{mV/V}$                   |
| 蠕变      | Creep                  | $\pm 0.5\% \text{F.S.} / 30\text{min}$       |
| 零点输出    | Zero balance           | $\pm 2.0\% \text{F.S.}$                      |
| 输入阻抗    | Input resistance       | $350 \pm 30 \Omega$                          |
| 输出阻抗    | Output resistance      | $350 \pm 5 \Omega$                           |
| 绝缘电阻    | Insulation resistance  | $\geq 5000 \text{M}\Omega / 100\text{VDC}$   |
| 灵敏度温度影响 | Temp. effect on span   | $\pm 0.057\% \text{F.S.} / 10^\circ\text{C}$ |
| 零点温度影响  | Temp. effect on zero   | $\pm 0.05\% \text{F.S.} / 10^\circ\text{C}$  |
| 温度补偿范围  | Compensated temp range | $-10 \sim 60^\circ\text{C}$                  |
| 使用温度范围  | Use temp range         | $-20 \sim 80^\circ\text{C}$                  |
| 激励电压    | Excitation voltage     | 9~12V  |
| 安全过载范围  | Safe overload          | 120%F.S.                                     |
| 极限过载范围  | Ultimate overload      | 150%F.S.                                     |
| 防护等级    | Defend grade           | Ip66   |