

型号 : SBT674

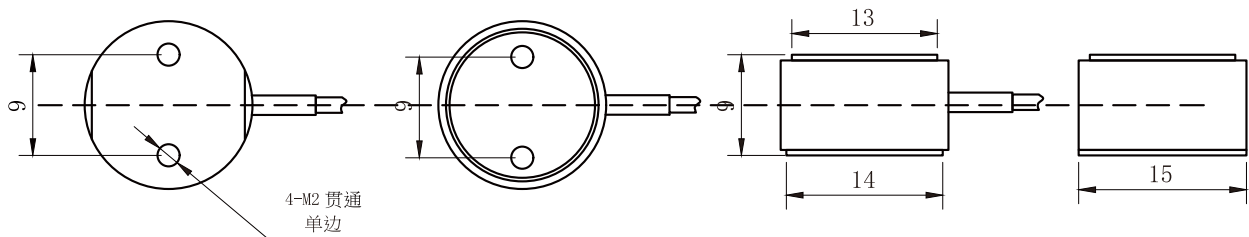


特点与用途/Features&Application

变形量小，动态响应频率高，不锈钢材质，拉压双向
主要用于推拉力计、自动化组装测试、医疗检测、机器人领域及各种工业
自动化测力领域

The deformation is small. The dynamic response frequency is high, Two-way stainless steel material, tension and compression
Mainly used for pushing tension meter, automatic assembly test, medical inspection, robotics, and various industrial automation strain field

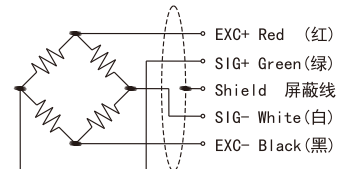
安装尺寸/Mounting Dimension



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	5, 10, 20, 50, 100, 200N
综合误差	Comprehensive error	$\leq \pm 0.1\%$
非线性	Non-linearity	0.1%
灵敏度	Rated output	$1.5 \pm 10\% \text{mV/V}$
蠕变	Creep	$\pm 0.1\% \text{F.S. / 30min}$
零点输出	Zero balance	$\pm 2\text{F.S.}$
输入阻抗	Input resistance	$680 \pm 10 \Omega$
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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	$\pm 0.05\% \text{F.S. / } 10^\circ\text{C}$
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	$10 \sim 15\text{V}$
安全过载范围	Safe overload	200%F.S.
极限过载范围	Ultimate overload	500%F.S.
防护等级	Defend grade	Ip66