

型号 : SBT762



特点与用途/Features&Application

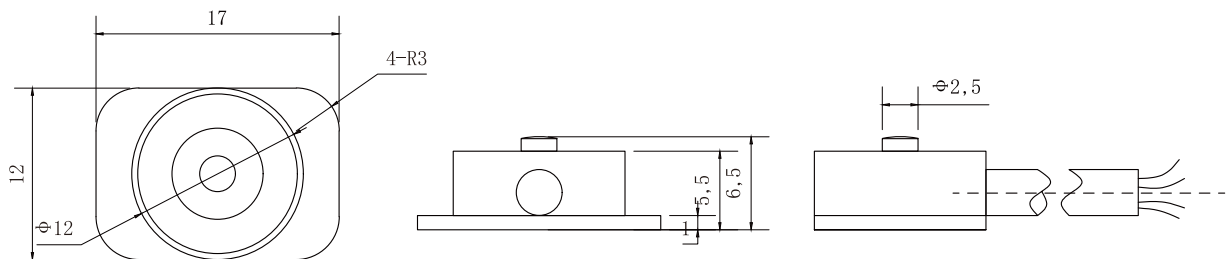
采用高精度电阻应变式原理，不锈钢材料，密封焊接，防油，防水，耐腐蚀。

安全防爆型产品，可用于恶劣环境及危险场合。体积小，动态响应频率高。

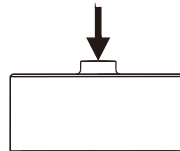
On the principle of high precision resistance strain type, stainless steel materials, seal welded, oil-proof, waterproof, corrosion resistance.

Safety explosion-proof products, can be used in the bad environment and dangerous situations. Small size, high dynamic response frequency.

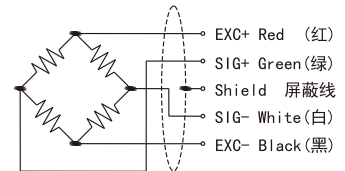
安装尺寸/Mounting Dimension



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	50, 100, 200, 500, 1000N
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	$\pm 0.5\% \text{F.S.}/30\text{min}$
零点输出	Zero balance	$\pm 0.05\% \text{F.S.}$
输入阻抗	Input resistance	$800 \sim 1100 \Omega$
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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	Excitasion voltage	$5 \sim 12\text{V}$
安全过载范围	Safe overload	150%F.S.
极限过载范围	Ultimate overload	200%F.S.
防护等级	Defend grade	Ip66