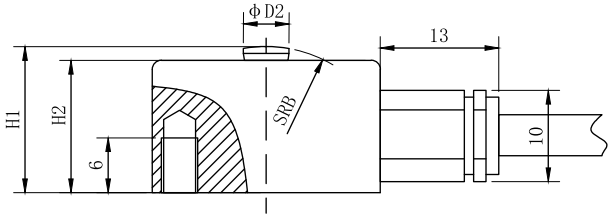
型号：SBT763

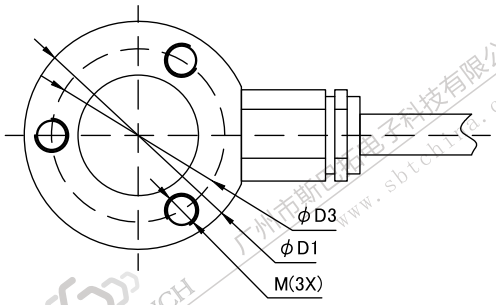
特点与用途/Features&Application

专用不锈钢材料传感器，采用金属箔片式应变技术，
适用于各种小空间和测力，广泛应用于工业，研发等领域的测量和控制。

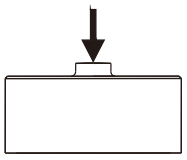
Special sensor stainless steel material, adopts the technology of the foil type strain,
Suitable for all kinds of small space and load, are widely used in industry, such as research and development in the field of measurement and control.

安装尺寸/Mounting Dimension

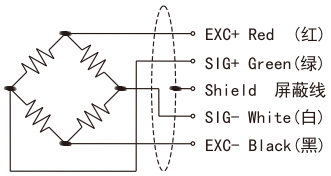




受力方式/Load Direction



接线图/Wiring



技术参数/echnical Parameters

参数	Specifications	技术指标/Technique
传感器量程	Rated load	50,100,200,500 N 1, 2, 3, 5, 10, 20, 30, 50, 60, 100, 120KN
综合误差	Comprehensive error	≤±0.1%
非线性	Non-linearity	0.1%
灵敏度	Rated output	1.5±10%mV/V
蠕变	Creep	±0.5%F.S./30min
零点输出	Zero balance	±2.0%F.S.
输入阻抗	Input resistance	385±10Ω
输出阻抗	Output resistance	350±5Ω
绝缘电阻	Insulation resistance	≥5000MΩ/100VDC
灵敏度温度影响	Temp.effect on span	±0.1%F.S./10℃
零点温度影响	Temp.effect on zero	±0.1%F.S./10℃
温度补偿范围	Compensated temp range	-10~60℃
使用温度范围	Use temp range	-20~80℃
激励电压	Excitasion 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	Ip67