

TS109

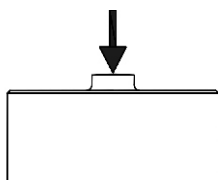


特点与用途 Features & Applications

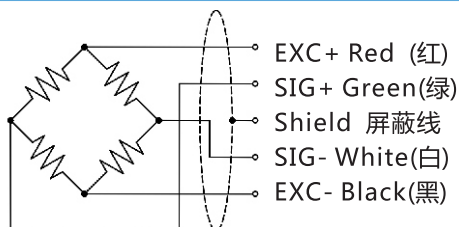
- 高度低，变形量小，外形尺寸小
- 不锈钢材料
- 可定制、防护等级：IP67
- 可定制高温性能，用于注塑、挤压等制造工艺
- 汽车压装、自动化组装、3C产品测试、新能源产品组装、医疗检测、机器人领域，模具组装及其他工业测试、测量及控制系统
- 动态响应频率高

- Low profile, small deflection and mini dimension
- Made of stainless steel
- ,IP67 protection, customizable
- High temperature could be customized for injection molding, extrusion and other manufacturing processes
- Suitable for Automotive press fit, automated assembly, 3C products testing, new energy product assembly, medical testing, robotics, mold assembly and other industrial testing and control system
- High dynamic response frequency

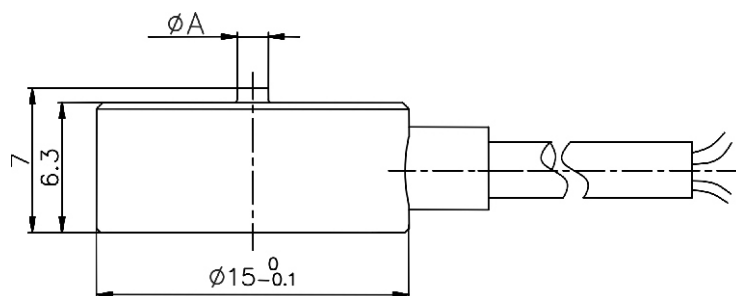
受力方式 Load Direction



配线图 Wiring Code



安装尺寸 Mounting Dimension



Capacity (N)	A
50,100,200	1.5
300,500,1000	3

参数	Specifications	技术指标/Technique
额定容量	Capacity	50,100,200,300,500,1000N
输出灵敏度	Rated output	1.0±20% mV/V
零点输出	Zero balance	±0.03 mV/V
非线性	Non-linearity	0.50%F.S.
滞后	Hysteresis	0.20%F.S.
重复性	Repeatability	0.20%F.S.
蠕变 (30min)	Creep(30min)	0.20%F.S.
温度灵敏度漂移	Temp.effect on output	0.05%F.S./10°C
零点温度漂移	Temp.effect on zero	0.05%F.S./10°C
输入电阻	Input impedance	800~1100Ω
输出电阻	Output impedance	800~1100Ω
绝缘电阻	Insulation	≥5000MΩ/100VDC
激励电压	Recommended excitation	5~12V
最大激励电压	Maximum excitation	15V
温度补偿范围	Compensated temp range	-10~60°C
工作温度范围	Operation temp range	-20~80°C
安全超载	Safe overload	150%F.S.
极限超载	Ultimate overload	200%F.S.
电缆线尺寸	Cable size	φ2×4000mm
单件重量	Weight approx.	0.1kg
材料	Material	Stainless Steel
防护等级	IP Class	IP67