

TS114

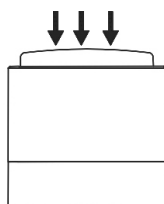


特点与用途 Features & Applications

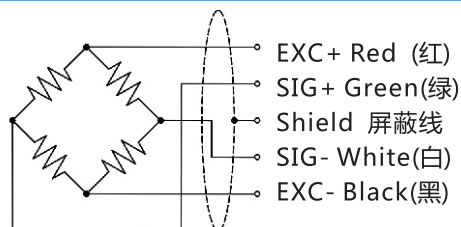
- 高度低，变形量小，外形尺寸小，量程大
- 不锈钢材料
- 防护等级：IP65，可定制
- 汽车压装、自动化组装、3C产品测试、新能源产品组装、医疗检测、机器人领域，模具组装及其他工业测试、测量及控制系统
- 动态响应频率高

- Low profile, small deflection and mini dimension and big capacity
- Made of stainless steel
- ,IP65 protection, customizable
- 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

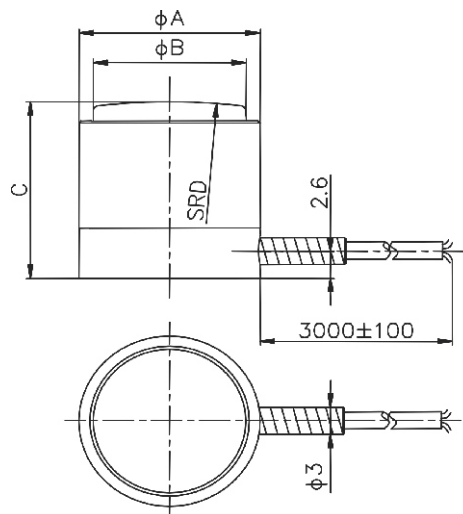
受力方式 Load Direction



配线图 Wiring Code



安装尺寸 Mounting Dimension



Capacity (kN)	A	B	C	D
10, 20	15.9	13.4	16.5	100
50, 75	22.4	20.4	22.4	100
100, 150	31.8	28.9	28.7	125

参数	Specifications	技术指标/Technique
额定容量	Capacity	10,20,50,75,100,150kN
输出灵敏度	Rated output	$2.0 \pm 10\% \text{ mV/V}$
零点输出	Zero balance	$\pm 0.05 \text{ mV/V}$
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	$380 \pm 20 \Omega$
输出电阻	Output impedance	$350 \pm 10 \Omega$
绝缘电阻	Insulation	$\geq 5000 \text{ M}\Omega/100 \text{ VDC}$
激励电压	Recommended excitation	5~15V
最大激励电压	Maximum excitation	20V
温度补偿范围	Compensated temp range	$-10 \sim 60^{\circ}\text{C}$
工作温度范围	Operation temp range	$-20 \sim 80^{\circ}\text{C}$
安全超载	Safe overload	200% F.S.
极限超载	Ultimate overload	300% F.S.
电缆线尺寸	Cable size	$\Phi 2 / \Phi 3 \times 4000 \text{ mm}$
单件重量	Weight approx.	0.1kg
材料	Material	Stainless Steel
防护等级	IP Class	IP65