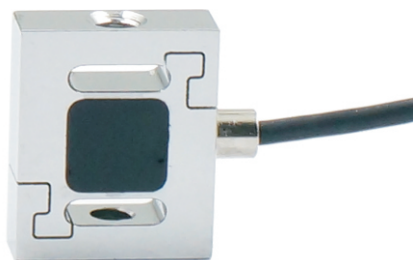


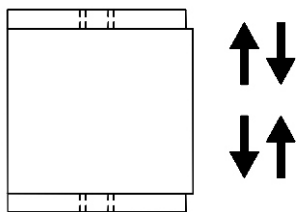
TS313



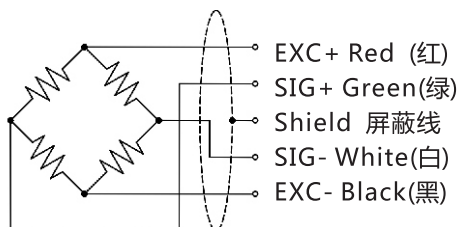
特点与用途 Features & Applications

- 微型传感器，精度高，带过载保护功能
- 不锈钢
- 拉压双向
- 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
- Miniature load cell ad High precision with anti-overload protection
- Made of stainless steel
- Tension and compression application
- Mainly used 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

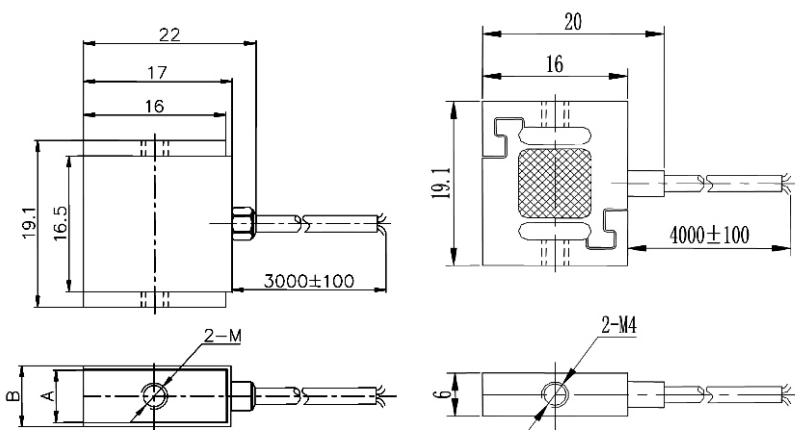
受力方式 Load Direction



配线图 Wiring Code



安装尺寸 Mounting Dimension



Capacity (N)	A	B	M	备注(Note)
2.5,5,10,20	5	6.8	M3	带外壳(Have shell)
50,100,200,300,500	6	7.5	M4	不带外壳可选(Optional without shell)

参数	Specifications	技术指标/Technique
额定容量	Capacity	2.5,5,10,20,50,100,200,300,500N
输出灵敏度	Rated output	2.0±10% mV/V
零点输出	Zero balance	±0.02 mV/V
非线性	Non-linearity	0.05% F.S.
滞后	Hysteresis	0.05% F.S.
重复性	Repeatability	0.05% F.S.
蠕变 (30min)	Creep(30min)	0.05% F.S.
温度灵敏度漂移	Temp.effect on output	0.05% F.S./10℃
零点温度漂移	Temp.effect on zero	0.05% F.S./10℃
输入电阻	Input impedance	350±30Ω
输出电阻	Output impedance	350±5Ω
绝缘电阻	Insulation	≥5000MΩ/100VDC
激励电压	Recommended excitation	5V
最大激励电压	Maximum excitation	15V
温度补偿范围	Compensated temp range	-10~60℃
工作温度范围	Operation temp range	-20~80℃
安全超载	Safe overload	150% F.S.
极限超载	Ultimate overload	300% 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	IP66