

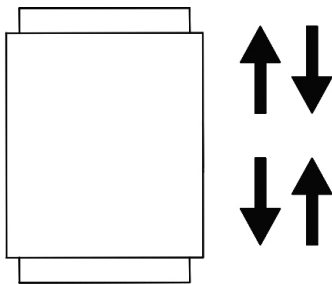
TS317



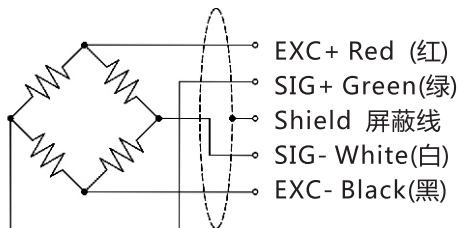
特点与用途 Features & Applications

- 不锈钢材料，高度低，变形量小，安装方便，平面加载
- 主要用于推、拉力计，各种工业称重系统等
- 焊接力测试及张力测试
- 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
- 动态响应频率高
- Miniature load cell , low profile , small deflection
- Tension and compression application
- Mainly used for pull and push
- dynamometer and industrial measuring system

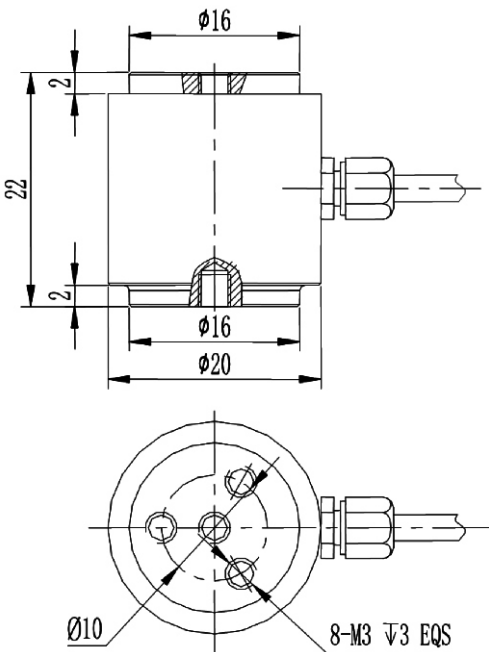
受力方式 Load Direction



配线图 Wiring Code



安装尺寸 Mounting Dimension



参数	Specifications	技术指标/Technique
额定容量	Capacity	20,50,100,200,300,500N 1000N,2000N
输出灵敏度	Rated output	2.0±10% mV/V
零点输出	Zero balance	±2% F.S.
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	650/350±10Ω
输出电阻	Output impedance	650/350±10Ω
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℃
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	200% F.S.
电缆线尺寸	Cable size	Φ3×4000mm
单件重量	Weight approx.	0.1kg
材料	Material	Stainless Steel
防护等级	IP Class	IP66