

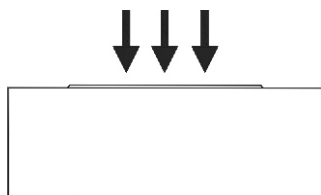
TH119 & TS119



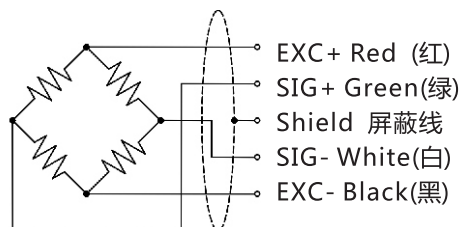
特点与用途 Features & Applications

- 外形尺寸小
- 不锈钢(TS119)/合金钢材料(TH119)
- 螺纹力的监测
- 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
- Low profile, small deflection
- Made of stainless steel (TS119) or Alloy steel(TH119)
- Mainly used for monitoring of thread force
- 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

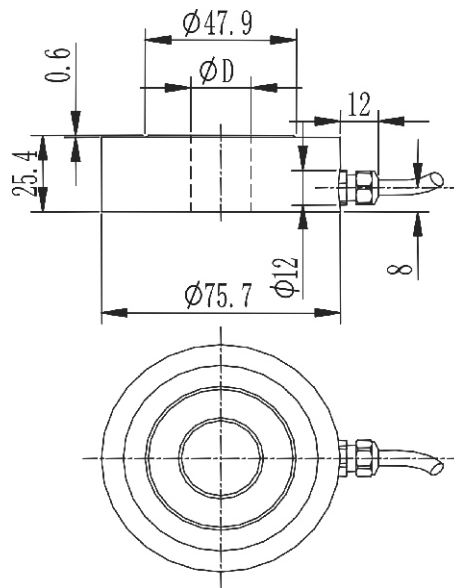
受力方式 Load Direction



配线图 Wiring Code



安装尺寸 Mounting Dimension



Capacity (kN)	10,20,30,50,100,200
ΦD(mm)	7,9,11,15,17,19,21,25,32

注：内孔和量程可自由匹配

Note: The hole and range can be freely matched.

参数	Specifications	技术指标/Technique
额定容量	Capacity	10,20,30,50,100,200kN
输出灵敏度	Rated output	1.5±10% mV/V
零点输出	Zero balance	±0.03 mV/V
非线性	Non-linearity	0.1% F.S.
滞后	Hysteresis	0.1% 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°C
零点温度漂移	Temp.effect on zero	0.05% F.S./10°C
输入电阻	Input impedance	780±20Ω
输出电阻	Output impedance	700±10Ω
绝缘电阻	Insulation	≥5000MΩ/100VDC
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	-10~60°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	φ4×4000mm
防护等级	IP Class	IP67