

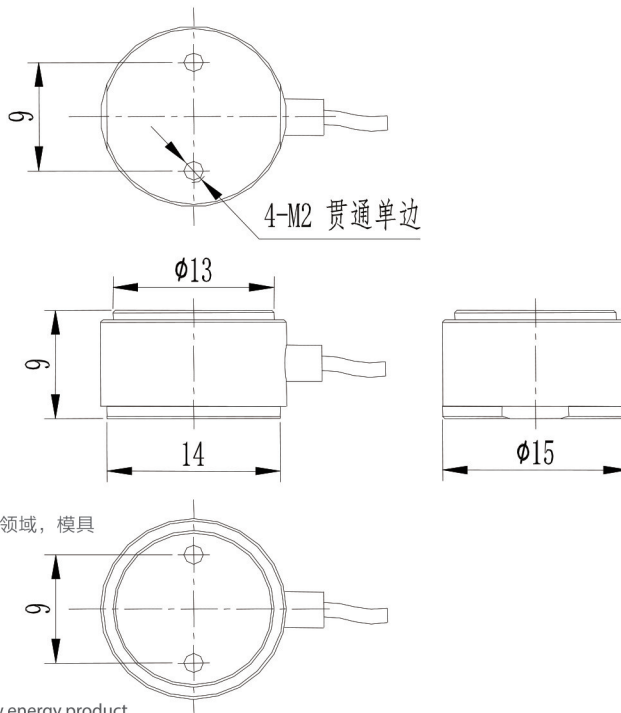


新产品  
压向传感器  
拉压向传感器  
压电力传感器  
多维力传感器  
称重传感器  
张力传感器  
螺纹力  
扭矩传感器  
其它定制力传感器  
称重模块  
仪表模块放大器

## R105A



### ◆ 安装尺寸/Mounting Dimension



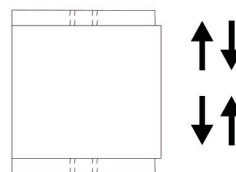
### ◆ 特点与用途/Features & Applications

- 微型传感器，精度高，带过载保护功能
  - 不锈钢或铝合金材料
  - 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 or Aluminum
  - 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

### ◆ 参数 Specifications 技术指标/Technique

参数	Specifications	技术指标/Technique
额定容量	Capacity	10,20,50,100,200N
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	0.1% F.S.
滞后	Hysteresis	0.1% F.S.
重复性	Repeatability	0.1% F.S.
蠕变 (30min)	Creep(30min)	0.1% 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	350 ± 30 Ω
输出电阻	Output impedance	350 ± 5 Ω
绝缘电阻	Insulation	≥ 5000M Ω/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°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	300% F.S.
电缆线尺寸	Cable size	φ 2 × 4000mm
单件重量	Weight approx.	0.1kg
材料	Material	Stainless Steel
防护等级	IP Class	IP66

### ◆ 受力方式/Load Direction



### ◆ 配线图/Wiring Code

