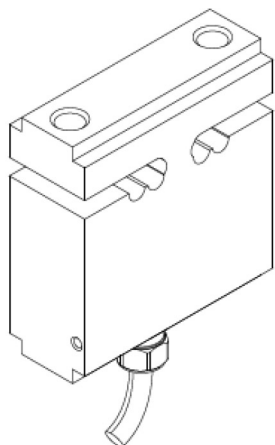


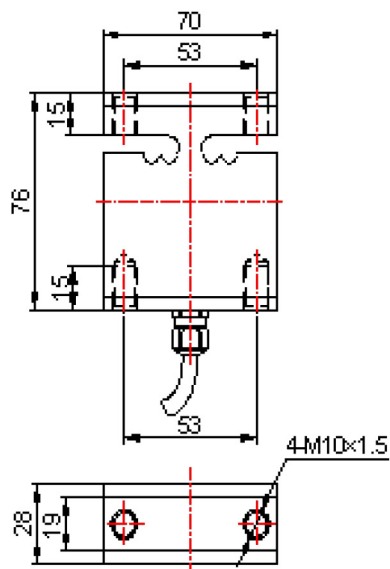
K507



◆ 特点与用途/Features & Applications

- 精度高、抗偏载能力强
- 容易安装, IP66
- 机器人手臂精密控制、曲面研磨抛光, 加工中心精雕加工、医疗设备精密测试
- High accuracy with strong ability of anti-side force
- Easy to install, IP66 protection
- Precision control of mechanical arm, grinding and polishing for Spherical, carved processing of machining center, precision testing of medical equipment

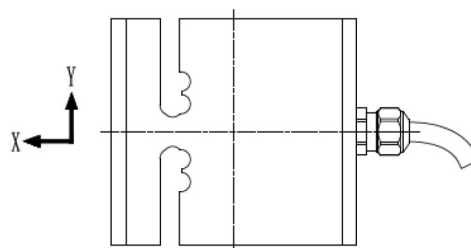
◆ 安装尺寸/Mounting Dimension



◆ 参数 Specifications 技术指标/Technique

参数	Specifications	技术指标/Technique
额定容量	Capacity (kg)	X: 20/50/100/150/200 Y: 20/50/100/150/200
输出灵敏度	Rated output	1.1 ± 0.1mV/V (X向) 2.2 ± 0.2 mV/V (Y向)
零点输出	Zero balance	± 0.1F.S.
非线性	Non-linearity	0.03%F.S.
滞后	Hysteresis	0.03%F.S.
重复性	Repeatability	0.03%F.S.
蠕变 (30min)	Creep(30min)	0.03%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	300 ~ 500 Ω
输出电阻	Output impedance	300 ~ 500 Ω
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	-10~40℃
工作温度范围	Operation temp range	-25~70℃
安全超载	Safe overload	150%F.S.
极限超载	Ultimate overload	300%F.S.
电缆线长度	Cable length	8000 ± 100mm
防护等级	IP Class	IP65

◆ 受力方式/Load Direction



◆ 配线图/Wiring Code

Load direction Y	
Excitation voltage + :	grey
Signal+:	black
Signal - :	red
Excitation voltage - :	white
Load direction X	
Excitation voltage + :	grey
Signal+:	green
Signal - :	blue
Excitation voltage - :	white
Shield:	Yellow, ground

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

螺紋力

扭矩传感器

其它定制力传感器

称重模块

仪表模块放大器