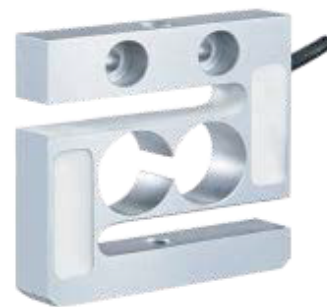
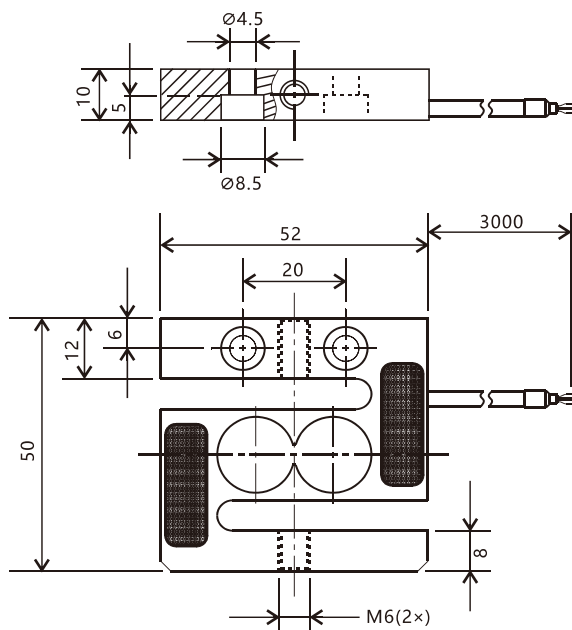


安装尺寸 MOUNTING DIMENSION

MS2031



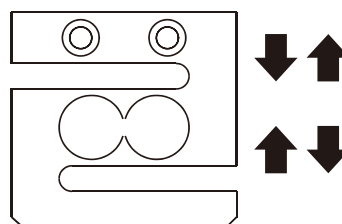
特点和用途 FEATURES & APPLICATIONS

- ◆ 微型传感器，高度低，变形量小
- ◆ 不锈钢材料 拉压双向
- ◆ 主要用于推拉力计，自动化组装、3C产品测试等
- ◆ 各种工业测力系统等
- ◆ Micro sensor, low height, small deformation
- ◆ Stainless steel material, Bidirectional tension
- ◆ Mainly used in push tension meter, automatic assembly, 3C product testing and other industrial force measuring systems

技术参数 TECHNICAL PARAMETERS

参数	Specifications	技术指标/Technique
额定容量	Capacity	10,20,50,100,500N
输出灵敏度	Rated output	$1.0 \pm 20\text{mV/V}$
零点输出	Zero balance	$\pm 0.02\text{mV/V}$
非线性	Non-linearity	0.1%F.S.
滞后	Hysteresis	0.1%F.S.
重复性	Repeatability	0.1%F.S.
温度灵敏度漂移	Temp.effect on output	0.1%F.S./ 10°C
零点温度漂移	Temp.effect on zero	0.1%F.S./ 10°C
输入电阻	Input impedance	$800 \sim 1100\Omega$
输出电阻	Output impedance	$800 \sim 1100\Omega$
绝缘电阻	Insulation	$\geq 5000\text{M}\Omega/100\text{VDC}$
激励电压	Recommended excitation	5~15V
最大激励电压	Maximum excitation	15V
温度补偿范围	Compensated temp range	$-10 \sim 60^\circ\text{C}$
工作温度范围	Operation temp range	$-20 \sim 80^\circ\text{C}$
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	$\varnothing 2 \times 3000\text{mm}$
TEDS 可选		

受力方式 Load Direction



配线图 Wiring Code

