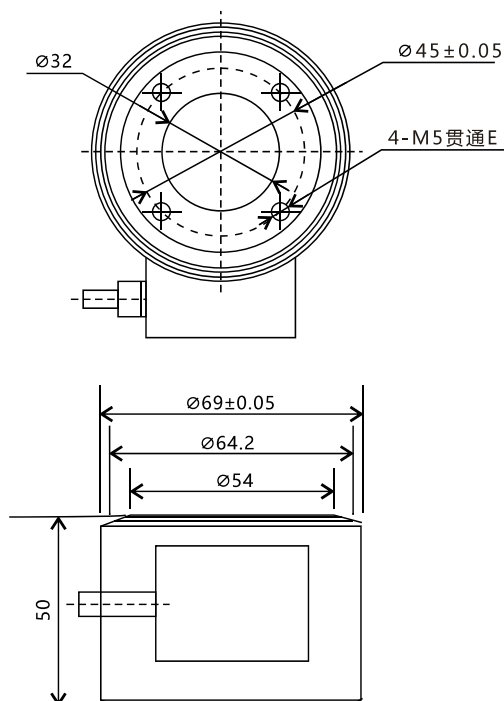


安装尺寸 MOUNTING DIMENSION

MS1021



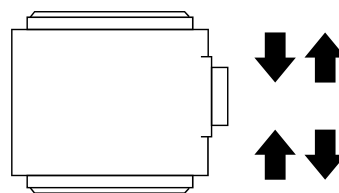
特点和用途 FEATURES & APPLICATIONS

- ◆ 环形传感器、高度低、变形量小
- ◆ 不锈钢材料,动态响应频率高,防过载
- ◆ 主要用于推拉力计、注塑和模具行业、机器人抓取、压入、拉压力的检测与控制、汽车装配力值检测等
- ◆ Ring sensor, low height, small deformation Stainless
- ◆ steel material, High dynamic response frequency, anti-overload
- ◆ Mainly used in push tension meter, injection molding and mold industry, robot grasping, pressing, tension pressure detection and control, automobile assembly force value detection

技术参数 TECHNICAL PARAMETERS

参数	Specifications	技术指标/Technique
额定容量	Capacity	0.1,0.2,0.5,1,2,5,10,20kN
输出灵敏度	Rated output	$2.0 \pm 10\% \text{mV/V}$
零点输出	Zero balance	$\pm 0.05 \text{mV/V}$
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	0.05%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	$385 \pm 10\Omega$
输出电阻	Output impedance	$350 \pm 5\Omega$
绝缘电阻	Insulation	$\geq 5000 \text{M}\Omega/100 \text{VDC}$
激励电压	Excitation Voltage	5~15V
最大激励电压	Maximum excitation Voltage	20V
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	$\Phi 3 \times 3000 \text{mm}$
TEDS 可选		

受力方式 Load Direction



配线图 Wiring Code

