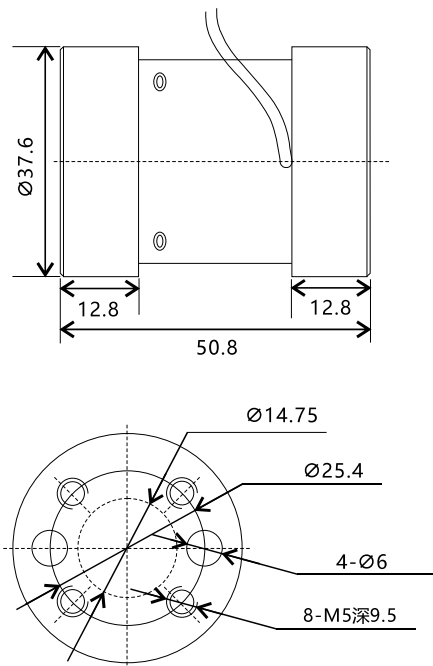


安装尺寸 MOUNTING DIMENSION

MS4002



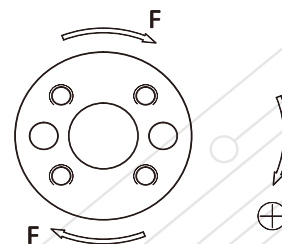
特点和用途 FEATURES & APPLICATIONS

- ◆ 静态扭矩传感器
- ◆ 结构紧凑便于安装
- ◆ 防护等级: IP65
- ◆ 适用于静态、非连续旋转的扭矩值测量
- ◆ Static torque sensor
- ◆ Compact structure and easy installation
- ◆ Protection level :IP65
- ◆ Suitable for measuring torque value of static and discontinuous rotation

技术参数 TECHNICAL PARAMETERS

参数	Specifications	技术指标/Technique
额定容量	Capacity	1,2,3,5,6,10,20,30,50,100, 150Nm
输出灵敏度	Rated output	1.5±10% mV/V
零点输出	Zero balance	±2%F.S.
非线性	Non-linearity	0.1%F.S.
滞后	Hysteresis	0.1%F.S.
重复性	Repeatability	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	410±20 Ω
输出电阻	Output impedance	350±10 Ω
绝缘电阻	Insulation	≥5000M Ω /100VDC
激励电压 1	Recommended excitation1	5~15V
激励电压 2	Recommended excitation2	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	120%F.S.
极限超载	Ultimate overload	150%F.S.
电缆线尺寸	Cable size	$\varnothing 3 \times 3000 \text{mm}$
材料	Material	aluminum alloy(铝合金)

受力方式 Load Direction



配线图 Wiring Code

