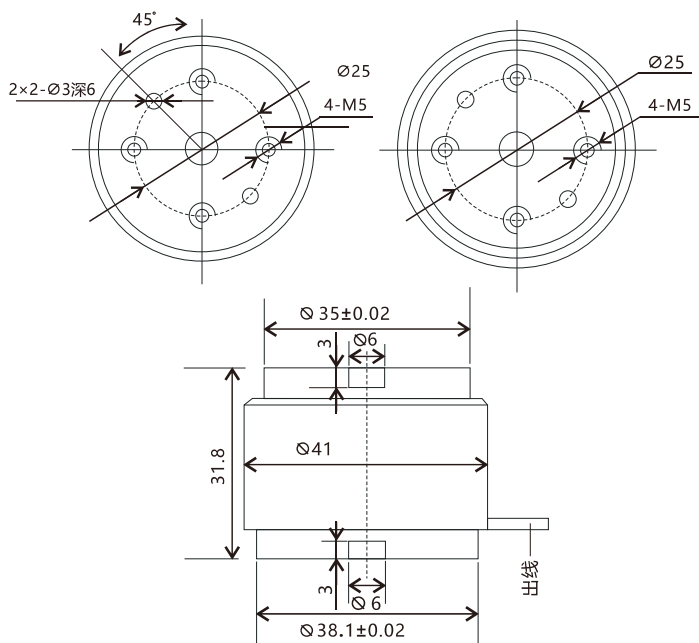


安装尺寸 MOUNTING DIMENSION

MS4003



特点和用途 FEATURES & APPLICATIONS

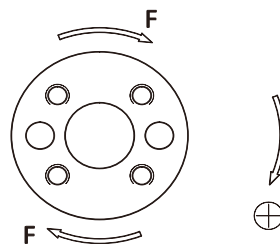
- ◆ 静态扭矩传感器
- ◆ 结构紧凑便于安装
- ◆ 防护等级: IP65
- ◆ 适用于静态、非连续旋转的扭矩值测量

- ◆ 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	0~0.1,0.2,0.5,1,2,3,5,10Nm
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.或0.3%F.S.
滞后	Hysteresis	0.05%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℃
零点温度漂移	Temp.effect on zero	0.05%F.S./10℃
输入电阻	Input impedance	750±20Ω±10Ω
输出电阻	Output impedance	700±10Ω±10Ω
绝缘电阻	Insulation	≥2000MΩ/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℃
工作温度范围	Operation temp range	-20~80℃
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	Φ3x3000mm
材料	Material	aluminum alloy(铝合金)

受力方式 Load Direction



配线图 Wiring Code

