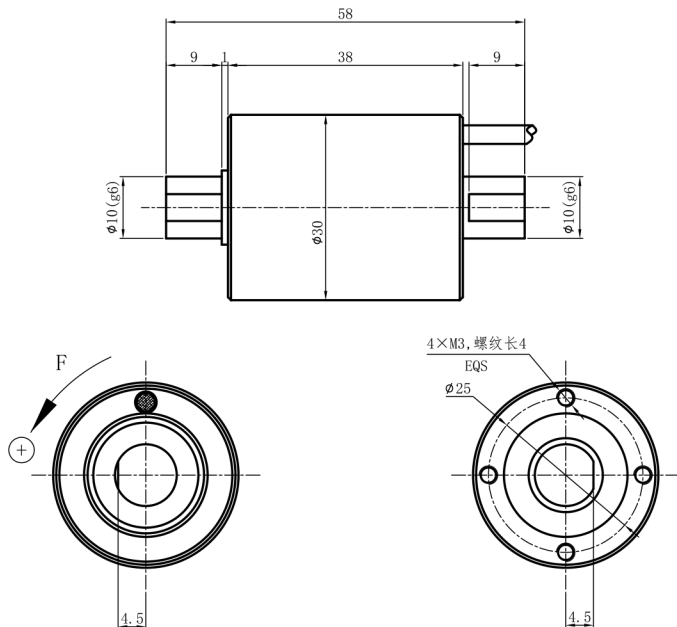


ZHND06 扭矩传感器

■ 尺寸及量程



■ 技术参数

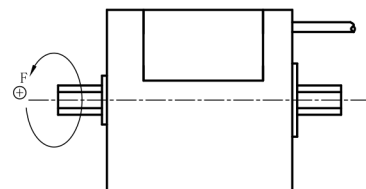
参数	Specifications	技术指标/Technique
量程	Capacity	±10N.m
输出信号	Output signal	0~10V/0~5V/4~20mA /RS232/RS485 (可定制)
零点输出	Zero balance	±2% F.S.
精度	Accuracy	±0.1% F.S.
重复性	Repeatability	±0.05% F.S.
温度灵敏度漂移	Temp. effect on output	±0.05% F.S. / 10°C
零点温度漂移	Temp. effect on zero	±0.05% F.S. / 10°C
供电电压	Supply voltage	24 VDC
温度补偿范围	Compensated temp. range	-10~40°C
工作温度范围	Operation temp range	-20~60°C
最大转速	Limit speed	10000 r/min
安全超载	Safe over load	120% F.S.
极限超载	Ultimate overload	150% F.S.
电缆线尺寸	Cable size	3000mm
防护等级	Protection class	IP65
材料	Material	Stainless steel
连接方式	Cable color code	Red (红色) : DC+ Black (黑色) : DC- Green (绿色) / Brown (棕色) : V/I White (白色) : GND Yellow (黄色) / Gray (灰色), 屏蔽线代替 : RS485 B Blue (蓝色) : RS485 A



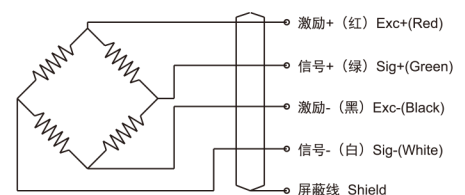
■ 特点与用途

- 动态扭矩传感器
- 广泛应用于工业系统中的扭矩数据检测和测量，如电动机、发动机、内燃机、风机、水泵、齿轮箱、扭力扳手、铁路机车、汽车、拖拉机、飞机、船舶、矿山机械、污水处理系统的扭矩检测，制造粘度计等。
- Dynamic torque sensor
- Widely used in the detection and measurement of torque data in industrial systems such as the torque detection of motors, engines, internal combustion engines, fans, water pumps, gear boxes, torque wrenches, railway locomotives, automobiles, tractors, aircraft, ships, mining machinery, sewage treatment system, etc.

■ 受力方式



■ 接线图



注：屏蔽线不与弹性体相连。
Note: Cable shield is not connected to element.