

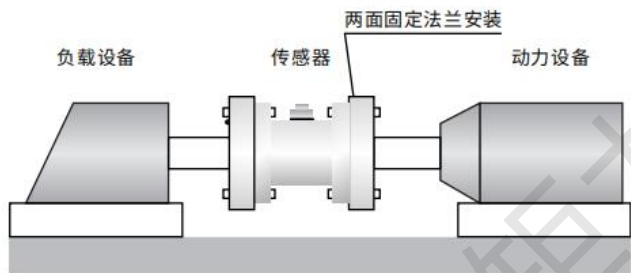
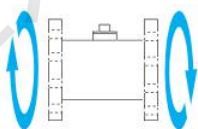
JUL-TQ04 扭矩传感器



■特点与用途 Features&Applications

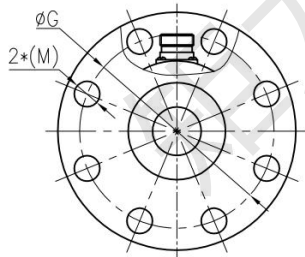
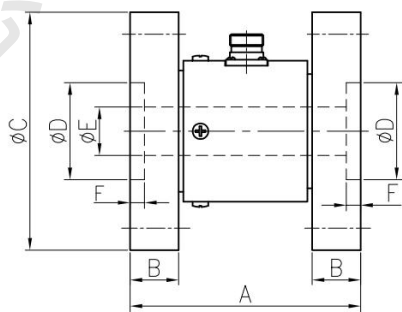
- ▶ 法兰式结构安装方便
- ▶ 精度高，稳定性好
- ▶ 采用高精度电阻应变式原理，动态响应频率高
- ▶ 适用于静态扭力测试，扭力扳手等扭力测试控制设备

■安装/受力 Installation/force



技术参数 Technical specifications		
量程	Capacity	0.1 ~ 50KNm (可选)
输出灵敏度	Rated output	1.5±0.2mV/V
零点输出	Zero balance	±0.02mV/V
非线性	Non-linearity	0.1/0.3%F.S
滞后	Hysteresis	0.1%F.S
重复性	Repeatability	0.1%F.S
输入电阻	Input impedance	750±10Ω
输出电阻	Output impedance	700±5Ω
绝缘电阻	Insulation	≥5000MΩ/100VDC
激励电压	Recommended excitation	5 ~ 15VDC
温度灵敏度漂移	Temp.effect.on output	0.025%F.S./10℃
零点温度偏移	Temp.effect.on zero	0.025%F.S./10℃
温度补偿范围	Compensated temp range	-10 ~ 60℃
工作温度	Operation temp range	-20 ~ 80℃
安全超载	Safe overload	120%
极限超载	Ultimate overload	150%
电缆尺寸	Cable size	Φ5.2x3000mm

外形尺寸 External Dimension



量程 (Nm)	A	B	ΦC	ΦD	ΦE	F	ΦG	M
0-100	85	10	59	22	12	5	49	4-Φ6.5
0-1000	95	20	98	40	20	6	80	8-Φ10.5
0-5000	95	20	125	50	40	6	105	8-Φ12.5
0-10000	160	30	190	80	30	6	160	8-Φ19
0-50000	220	45	308	130	80	5	250	12-Φ26