

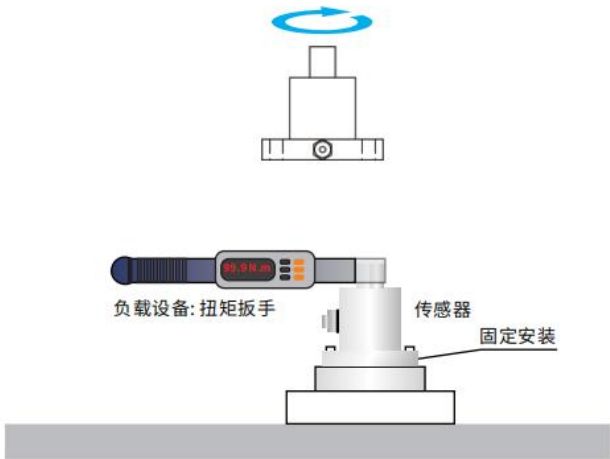
JUL-TQ08 扭矩传感器



■特点与用途 Features&Applications

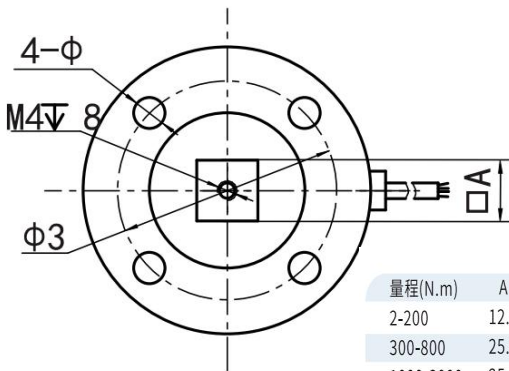
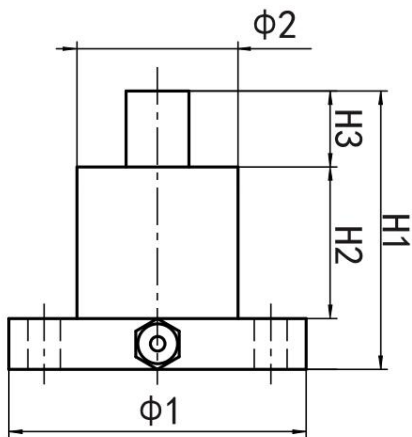
- ▶结构简单，安装使用方便
- ▶精度高，稳定性能好
- ▶采用高精度电阻应变式原理，动态响应频率高
- ▶适用于静态扭力测试，扭力扳手等非连续旋转的扭力测试控制设备

■安装/受力 Installation/force



技术参数 Technical specifications		
量程	Capacity	2 ~ 3000Nm (可选)
输出灵敏度	Rated output	1.0-2.0±0.2mV/V
零点输出	Zero balance	±0.02mV/V
非线性	Non-linearity	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	350/750±10Ω
输出电阻	Output impedance	350/700±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	Φ3x3000mm

外形尺寸 External Dimension



量程(N.m)	A	H1	H2	H3	Φ1	Φ2	Φ3	Φ
2-200	12.5	55	30	15	59	32	45	6.5
300-800	25.4	75	40	24	68	40	55	8.5
1000-3000	25.4	85	44	24	98	56	80	13