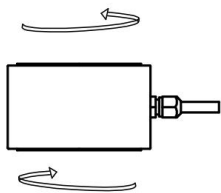


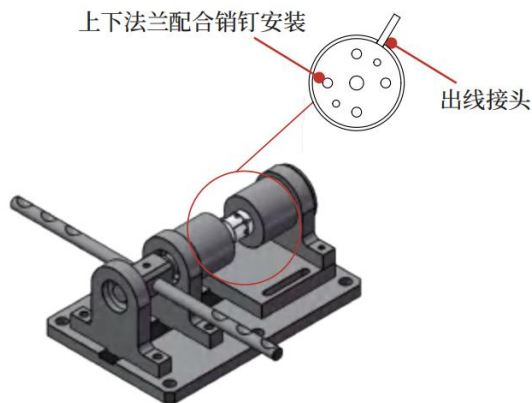
JUL-TQ02 扭矩传感器



■受力方向 Load Direction



■安装方式 Installation

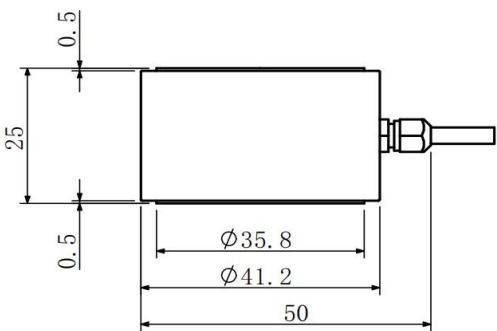
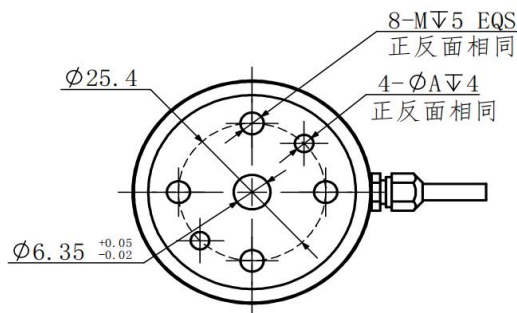


■特点与用途 Features&Applications

- ▶体积小，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

| 技术参数 Technical specifications |                        |                             |
|-------------------------------|------------------------|-----------------------------|
| 量程                            | Capacity               | 0-1/2/3/5/10/20/30/50/100Nm |
| 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          | 0.2%F.S                     |
| 滞后                            | Hysteresis             | 0.3%F.S                     |
| 重复性                           | Repeatability          | 0.2%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%                        |
| 材质                            | Material               | 铝合金/不锈钢                     |
| 电缆尺寸                          | Cable size             | Φ3x3000mm                   |

外形尺寸 External Dimension



| 量程 (N.m)           | A   | M |
|--------------------|-----|---|
| 1, 2, 3, 5, 10, 20 | 3.2 | 4 |
| 30, 50, 100        | 5   | 6 |