



特点和用途 / Features & Applications

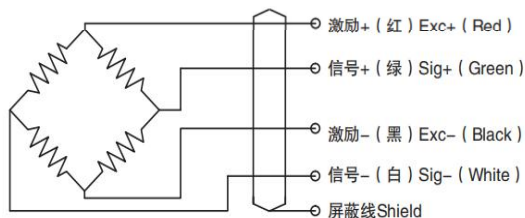
- 结构紧凑便于安装, 防护等级: IP65
- 用于静态, 非连续旋转扭矩力测量
- 主应用于静态扭力测试仪器, 如: 微型电机试验台, 阀门扭矩测试 电机测试台架, 铰链疲劳测试, 扭力校准标定, 扭力扳手等

- ❖ Compact structure and easy installation, protection level: IP65
- ❖ For static, non-continuous rotating torque force measurement
- ❖ Main application to static torque test instruments, such as: micro-motor test bench, valve torque test motor test bench, Hinge fatigue test, torque calibration calibration, torque wrench, etc

技术参数 / Technical Parameters

量 程 Capacity	0~150N.m	绝缘阻抗 Insulation	$\geq 5000M\Omega / 100V\ DC$
额定输出 Rated output	2.0mV / V	温度补偿范围 Compensated temp range	- 10° C ~ 60 ° C
滞 后 Hysteresis	0.05 % R.O.	工作温度范围 temp range	- 20 ° C ~ 80 ° C
重 复 性 Repeatability	0.05% R.O.	推荐激励电压 Recommended excitation	5~10V DC
非 线 性 Non-linearity	0.05% R.O.	安全载荷 Safe overload	150% R.C.
零点输出 Zero balance	$\pm 2\%$ R.O.	最大负载 Ultimate overload	200% R.C.
蠕变 Creep	0.05% R.O.	响应频率 Response frequency	10KHZ
零点温漂 Temp.effect on zero	0.05 % R.O. / 10° C	材质 Material	铝合金/合金钢
灵敏度温漂 Temp.effect on output	0.05% R.O. / ° 10C	电缆线规格 Cable Specifications	$\varnothing 3 \times 2m$
输入阻抗 Input impedance	350 Ω	张缆极限拉力 Cable Ultimate pull	10kg
输出阻抗 Out impedance	350 Ω	TEDS	可选

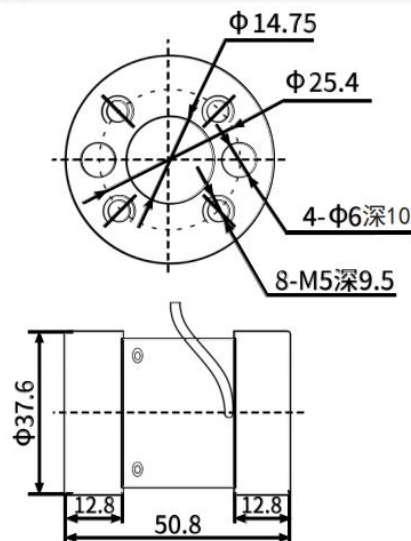
接线图 / Schematic Wiring Diagram



注: 屏蔽线不与弹性体相连。

Note: Cable shield is not connected to element.

外形尺寸 / Dimensions



选型表 / Features & Applications

量程 Cap	1, 2, 3, 5, 6, 10, 20, 30, 50, 100, 150 (N.m)
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受力方式 / Force Direction

