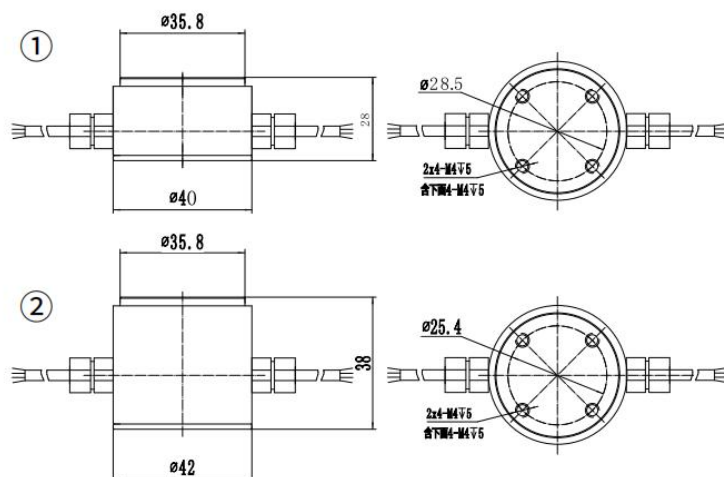




特点和用途 / Features & Applications

- 可同时拉压力及扭力，耦合误差小
- 易安装
- 主要应用于机械多维力方向测力，如铣床磨床加工过程中刀具三个方向受力分析检测，机器人抛光三轴力的检测
- ❖ Can also pull the pressure and torsion force, the lotus root error is small
- ❖ Easy to install
- ❖ It is mainly applied to mechanical multidimensional force direction force measurement, such as milling machine grinder processing tool three direction force analysis and detection, robot polishing three axis force detection

外形尺寸/ Dimensions

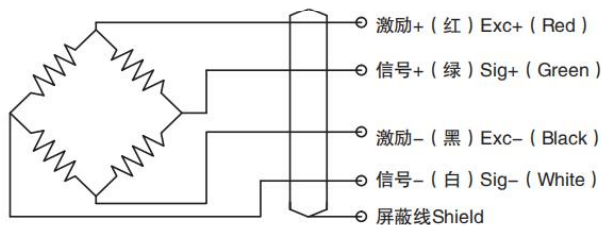


① 拉压力量程(N)	② 拉压力量程(N)
Fz 50 100 300	Fz 500 1000
扭力量程(N.m)	扭力量程(N.m)
M(N.m) 1 2 3	M(N.m) 5 10 30 50

技术参数 / Technical Parameters

量 程 Capacity	1~50N.m 50~1000N	绝缘阻抗 Insulation	≥5000MΩ/100V DC
额定输出 Rated output	2.0±10%mV/V	温度补偿范围 Compensated temp range	-10°C~60°C
滞 后 Hysteresis	0.1% R.O.	工作温度范围 temp range	-20°C~80°C
重 复 性 Repeatability	0.1% R.O.	推荐激励电压 Recommended excitation	5~10V DC
非 线 性 Non-linearity	0.1% R.O.	安全载荷 Safe overload	120% R.C.
零点输出 Zero balance	±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. / °10C	材质 Material	合金钢
灵敏度温漂 Temp.effect on output	0.05% R.O. / °10C	电缆线规格 Cable Specifications	Ø3*2m
输入阻抗 Input impedance	350Ω	电缆极限拉力 Cable Ultimate pull	10kg
输出阻抗 Out impedance	350Ω	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.

受力方式/ Force Direction

