

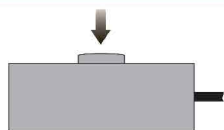
Features

主要特点

- Senior alloy steel
- High accuracy, High stability
- Small size, Low profile
- Easy to install
- Protected against corrosion by nickelplated treatment
- Suitable for testing machine, Assembly tools for small components, dynamometer, etc.
- Can be non-standard custom-made
- 优质合金钢材质
- 高精度，高稳定性
- 小尺寸，低外形，
- 安装简便、快速
- 表层镀镍防腐处理
- 适用于试验机、小零件的装配工具、测力计等
- 可非标定做

Load Direction

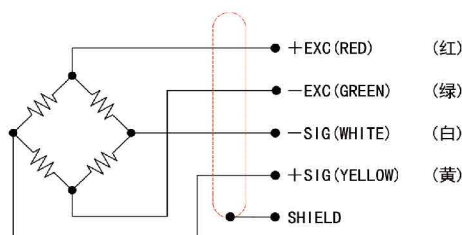
受力方式



Schematic

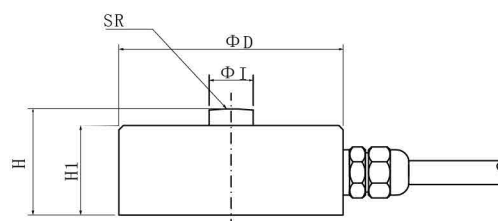
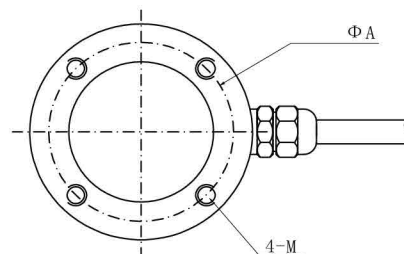
接线方式

- | | | | |
|----------|----------|-----|-----|
| ①RED: | + input | 红色: | +激励 |
| ②GREEN: | - input | 绿色: | -激励 |
| ③WHITE: | - output | 白色: | -信号 |
| ④YELLOW: | + output | 黄色: | +信号 |



Dimensions

尺寸



Capacity/量程	ΦD	H	H1	ΦI	ΦA	4-M	SR
0.5~5T	51	25	20	10	42	M5	50
6~10T	88	47	42	18	72	M6	150

Specification

技术参数

型号	Model	TF02
量程	Capacity	0.5~10T (可选)
输出灵敏度	Rated Output	1.0±0.005mV/V
零点平衡	Zero Balance	±1%F.S
蠕变	Creep after 30 minutes	0.05%F.S
非线性	Nonlinearity	0.05%F.S
滞后	Hysteresis	0.05%F.S
重复性	Repeatability	0.05%F.S
灵敏度温漂	Temperature effect on output	≤0.002%F.S/°C
零点温漂	Temperature effect on zero	≤0.002%F.S/°C
工作温度范围	Safe Temperature Range	-10°C ~ +70°C
温度补偿范围	Temperature Compensate	-10°C ~ +40°C
安全载荷	Safe Overload	150%F.S
输入阻抗	Input Impedance	405Ω ± 20 Ω
输出阻抗	Output Impedance	350Ω ± 3 Ω
绝缘阻抗	Insulation Resisance	≥5000 MΩ (50VDC)
推荐激励电压	Rated Excitation	5~12VDC
防护等级	Protection grade	IP66
导线颜色	Cable Color code	红Red(+E) 绿Green(-E) 黄Yellow(+S) 白White (-S)