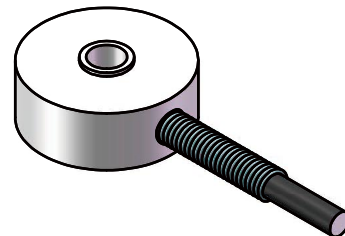
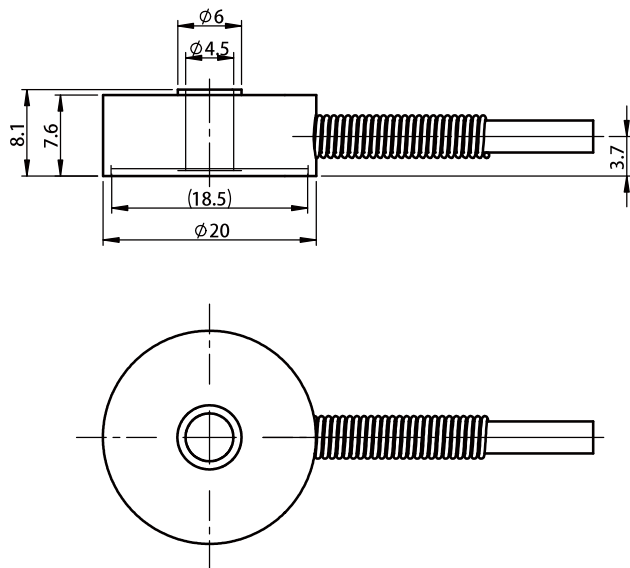


安装尺寸 MOUNTING DIMENSION

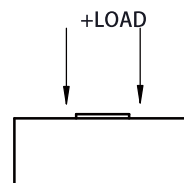
MS1012



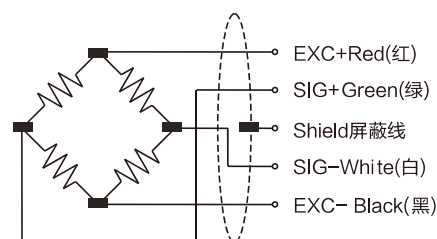
特点和用途 FEATURES & APPLICATIONS

- ◆ 结构特点: 环形中空型结构
- ◆ 轮辐式或截面膜盒式结构, 结构紧凑, 小巧
- ◆ 中心通孔或螺纹可以直接连接丝杆或者受力杆
- ◆ 适合于安装空间有限的设备上的力值检测、控制
- ◆ 动态响应频率小于300HZ, 防护等级: IP65
- ◆ Structure characteristics: annular hollow structure
- ◆ Spoke or cross section diaphragm type structure, compact structure, compact
- ◆ The center through hole or thread can be directly connected to the screw or force rod,
- ◆ Suitable for force detection and control on equipment with limited installation space
- ◆ The dynamic response frequency is less than 300HZ, Protection level: IP65

受力方式 Load Direction



配线图 Wiring Code



技术参数 TECHNICAL PARAMETERS

参数	Specifications	技术指标/Technique
额定容量	Capacity	10~50KG
输出灵敏度	Rated output	0.8~1.5mV/V
零点输出	Zero balance	$\pm 0.03\%$ F.S.
非线性	Non-linearity	1%F.S.
滞后	Hysteresis	1%F.S.
重复性	Repeatability	1%F.S.
蠕变(30min)	Creep(30min)	1%F.S.
温度灵量度漂移	Temp.effect on output	1%F.S./10°C
零点温度漂移	Temp.effect on zero	1%F.S./10°C
输入电阻	Input impedance	700 $\pm$ 50 Ω
输出电阻	Output impedance	700 $\pm$ 10 Ω
绝缘电阻	Insulation	$\geq 2000\text{M}\Omega/50\text{VDC}$
激励电压	Excitation Voltage	5~15V
最大激励电压	Maximum excitation Voltage	15V
工作温度范围	Operation temp range	-20~+60°C
安全超载	Safe overload	120%F.S.
极限超载	Ultimate overload	150%F.S.
电缆线尺寸	Cable size	$\phi 2 \times 3000\text{mm}$
防护等级	IP Class	IP65
材质	Material	不锈钢