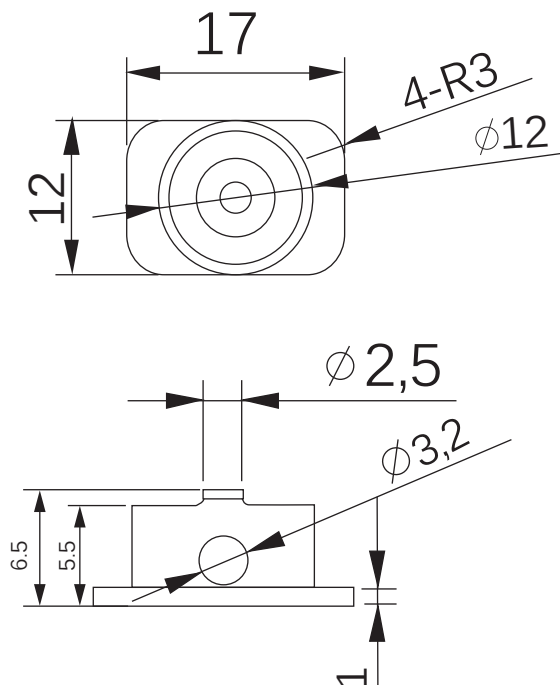


安装尺寸 MOUNTING DIMENSION

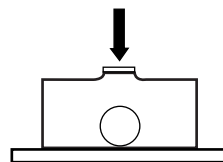
MS1003



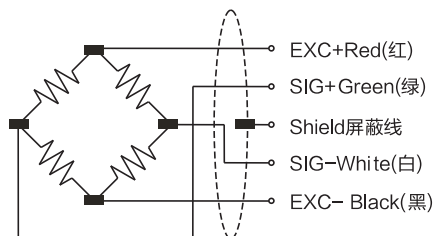
特点和用途 FEATURES & APPLICATIONS

- ◆ 采用高精度电阻应变式原理
 - ◆ 可满足 49.0N~490.0N 范围内的力测量。
 - ◆ 不锈钢材料, 密封焊接, 防油、防水、耐腐蚀
 - ◆ 膜盒结构设计, 压式承载, 安装使用方便灵活。
 - ◆ 体积小, 外型美观, 动态响应频率高
- ◆ High precision resistance strain principle is adopted
 - ◆ It can meet the force measurement in the range of 49.0N~490.0N
 - ◆ Stainless steel material, seal welding, oil, water, corrosion resistance
 - ◆ Membrane box structure design, pressure bearing, easy installation and flexible use
 - ◆ Small in size and beautiful in appearance
 - ◆ High dynamic response frequency

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	50,100,200,300,500N
输出灵敏度	Rated output	1.5±15% mV/V
零点输出	Zero balance	±0.03 mV/V
非线性	Non-linearity	0.20%F.S.
滞后	Hysteresis	0.20%F.S.
重复性	Repeatability	0.20%F.S.
温度灵敏度漂移	Temp.effect on output	0.05%F.S./10°C
零点温度漂移	Temp.effect on zero	0.05%F.S./10°C
输入电阻	Input impedance	800~1100 Ω
输出电阻	Output impedance	800~1100 Ω
绝缘电阻	Insulation	≥5000M Ω /100VDC
激励电压	Recommended excitation	3~10V
最大激励电压	Maximum excitation	10V
温度补偿范围	Compensated temp rang	-10~60°C
工作温度范围	Operation temp range	-20~80°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	$\Phi 2 \times 3000mm$
材料	Material	Stainless Steel (不锈钢)