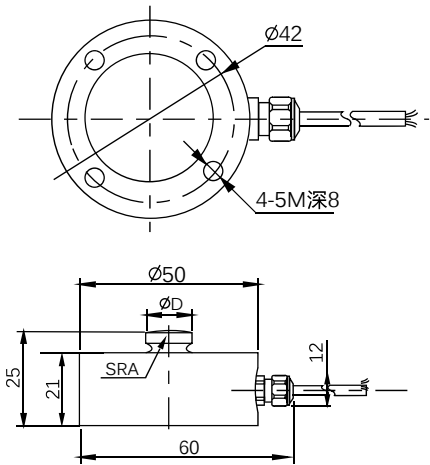


安装尺寸 MOUNTING DIMENSION

压式结构 Compression Load cell

MS1008



Capacity(kN)	D	Weight Approx	SRA
1,2,5,10,20,30	13	0.4kg	85
50	16	0.4kg	100
100	21	0.4kg	100

技术参数 TECHNICAL PARAMETERS

参数	Specifications	技术指标/Technique
额定容量	Capacity	1,2,5,10,20,50,75,100kN
输出灵敏度	Rated output	1.5 $\pm$ 10% mV/V
零点输出	Zero balance	$\pm 0.03\text{mV/V}$
非线性	Non-linearity	0.2%F.S.
滞后	Hysteresis	0.1%F.S.
重复性	Repeatability	0.1%F.S.
温度灵敏度漂移	Temp.effect on output	0.05%F.S./10 $^{\circ}\text{C}$
零点温度漂移	Temp.effect on zero	0.05%F.S./10 $^{\circ}\text{C}$
输入电阻	Input impedance	780 $\pm$ 20 Ω
输出电阻	Output impedance	700 $\pm$ 10 Ω
绝缘电阻	Insulation	$\geq 5000\text{M}\Omega/100\text{VDC}$
激励电压	Recommended excitation	5~15V
最大激励电压	Maximum excitation	20V
温度补偿范围	Compensated temp range	-10~60 $^{\circ}\text{C}$
工作温度范围	Operation temp range	-20~80 $^{\circ}\text{C}$
安全超载	Safe overload	150%F.S.
极限超载	Ultimate overload	200%F.S.
电缆线尺寸	Cable size	$\varnothing 4 \times 3000\text{mm}$

TEDS 可选

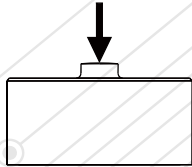


特点和用途 FEATURES & APPLICATIONS

- ◆ 高度低，变形量小，外形尺寸小
- ◆ 不锈钢材料，动态响应频率高
- ◆ 可定制、防护等级：IP67
- ◆ 适用于汽车压装、自动化组装、3C产品测试、新能源产品组装、医疗检测、机器人领域，模具组装及其他工业测试、测量及控制系统

- ◆ Low height, small deformation, small size
- ◆ Stainless steel material High, dynamic response frequency
- ◆ Customizable, protection level: IP67
- ◆ Suitable for automobile press assembly, automatic assembly, 3C product testing new energy product assembly, medical testing, robot field mold assembly and other industrial testing, measurement and control system

受力方式 Load Direction



配线图 Wiring Code

