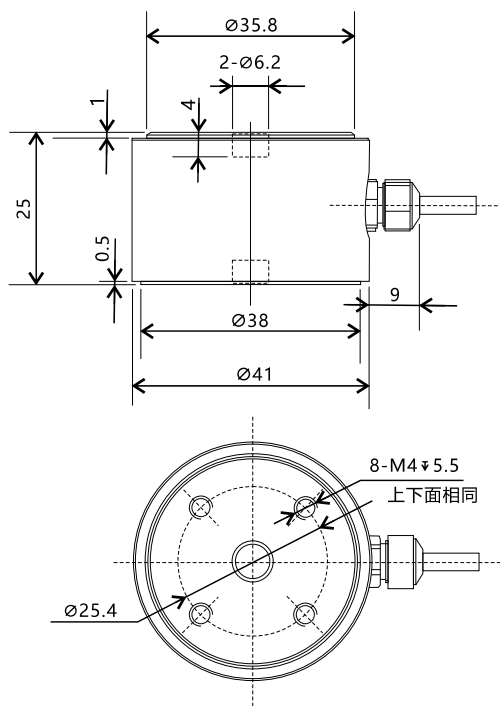


安装尺寸 MOUNTING DIMENSION

MS2018



特点和用途 FEATURES & APPLICATIONS

- ◆ 微型传感器、高度低、变形量小
- ◆ 不锈钢材料 防过载, 拉压双向、动态响应频率高
- ◆ 主要用于推拉力计、注塑和模具行业、机器人抓取、压入、拉压力的检测与控制、汽车装配力值检测等

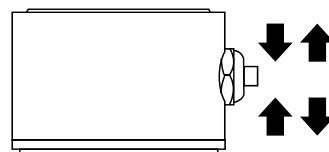
- ◆ Micro sensor, low height, small deformation
- ◆ Stainless steel material Anti overload
Tension and compression bidirectional, high dynamic response frequency
- ◆ Mainly used in push tension meter, injection molding and mold industry, robot grasping, pressing, tension pressure detection and control, automobile assembly force value detection

技术参数 TECHNICAL PARAMETERS

参数	Specifications	技术指标/Technique
额定容量	Capacity	0.1,0.2,0.5,1,2,5,10,20kN
输出灵敏度	Rated output	2.0 $\pm$ 10% mV/V
零点输出	Zero balance	$\pm$ 0.05% mV/V
非线性	Non-linearity	0.1%F.S.
滞后	Hysteresis	0.1%F.S.
重复性	Repeatability	0.2%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	350 $\pm$ 10 Ω
输出电阻	Output impedance	350 $\pm$ 5 Ω
绝缘电阻	Insulation	$\geq$ 5000M Ω /100VDC
激励电压	Excitation Voltage	5~15V
最大激励电压	Maximum excitation Voltage	15V
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	$\varnothing$ 3 $\times$ 3000mm

TEDS 可选

受力方式 Load Direction



配线图 Wiring Code

