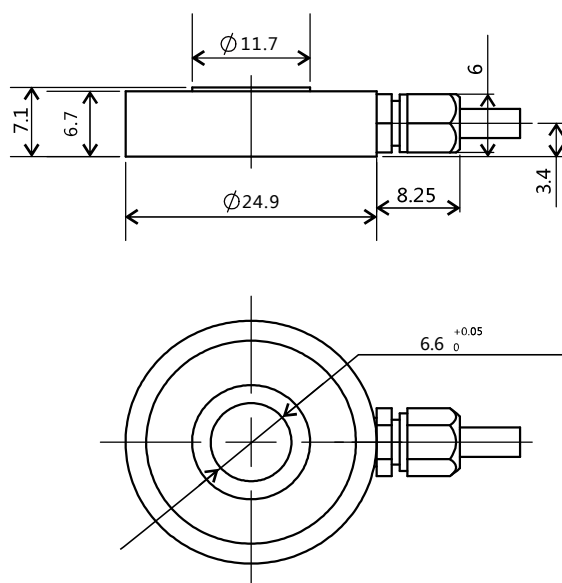


安装尺寸 MOUNTING DIMENSION

压式结构 Compression Load cell

MS1009-25



特点和用途 FEATURES & APPLICATIONS

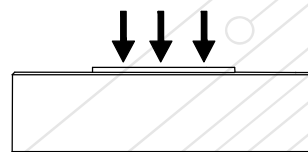
- ◆ 结构特点: 环形中空型结构
- ◆ 轮辐式或截面膜盒式结构, 结构紧凑, 小巧
- ◆ 中心通孔或螺纹可以直接连接丝杆或者受力杆
- ◆ 适合于安装空间有限的设备上的力值检测、控制
- ◆ 动态响应频率小于300HZ
- ◆ Structure characteristics: annular hollow structure
- ◆ Spoke or cross section diaphragm type structure, compact structure, compact
- ◆ The center through hole or thread can be directly 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

技术参数 TECHNICAL PARAMETERS

参数	Specifications	技术指标/Technique
额定容量	Capacity	100~2000N
输出灵敏度	Rated output	1.5±20% mV/V
零点输出	Zero balance	±0.05 mV/V
非线性	Non-linearity	0.50%F.S.
滞后	Hysteresis	0.20%F.S.
重复性	Repeatability	0.10%F.S.
温度灵敏度漂移	Temp.effect on output	0.05%F.S./10℃
零点温度漂移	Temp.effect on zero	0.05%F.S./10℃
输入电阻	Input impedance	780±20Ω
输出电阻	Output impedance	700±10Ω
绝缘电阻	Insulation	≥5000MΩ/100VDC
激励电压	Recommended excitation	5~15V
最大激励电压	Maximum excitation	15V
温度补偿范围	Compensated temp rang	-10~60℃
工作温度范围	Operation temp range	-20~80℃
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	Φ4x3000mm

TEDS 可选

受力方式 Load Direction



配线图 Wiring Code

