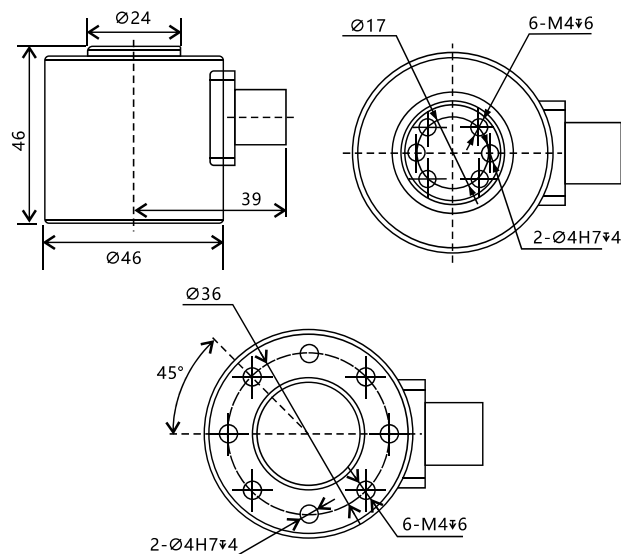


安装尺寸 MOUNTING DIMENSION

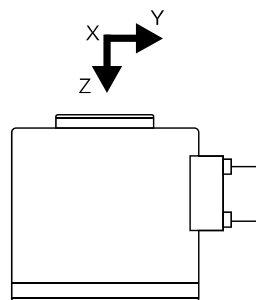
MS5002



特点和用途 FEATURES & APPLICATIONS

- ◆ 圆柱型三维力传感器，精度高、抗偏载能力强
- ◆ 容易安装，IP66
- ◆ 接受定制规格
- ◆ Cylindrical three-dimensional force sensor with high precision and strong anti-bias load ability
- ◆ Easy to install, IP66
- ◆ Acceptance of custom specification

受力方式 Load Direction



配线图 Wiring Code

供电	EXC+	Blue (蓝)
	EXC-	Black (黑)
X信号	SIG+	Gray (灰)
	SIG-	Green (绿)
Y信号	SIG+	Brown (棕)
	SIG-	Yellow (黄)
Z信号	SIG+	White (白)
	SIG-	Red (红)

技术参数 TECHNICAL PARAMETERS

参数	Specifications	技术指标/Technique
额定容量	Capacity(N)	X:50/100/200/300/500 Y:50/100/200/300/500 Z:50/100/200/300/500/1000
输出灵敏度	Rated output	≈1.0mV/V
零点输出	Zero balance	±2%F.S.
非线性	Non-linearity	0.3%F.S.
滞后	Hysteresis	0.2%F.S.
重复性	Repeatability	0.2%F.S.
互扰误差	Interference error	0.5%F.S.
温度灵敏度漂移	Temp.effect on output	0.1%F.S./10℃
零点温度漂移	Temp.effect on zero	0.1%F.S./10℃
输入电阻	Input impedance	350±10Ω
输出电阻	Output impedance	350±10Ω
绝缘电阻	Insulation	≥5000MΩ/100VDC
激励电压	Excitation Voltage	5~12V
最大激励电压	excitation Voltage	15V
温度补偿范围	Compensated temp range	-10~40℃
工作温度范围	Operation temp range	-20~75℃
安全超载	Safe overload	150%F.S.
极限超载	Ultimate overload	300%F.S.
电缆线尺寸	Cable size	Φ5x3000mm