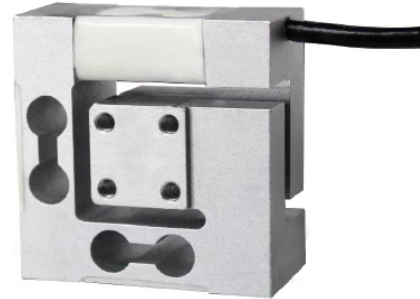
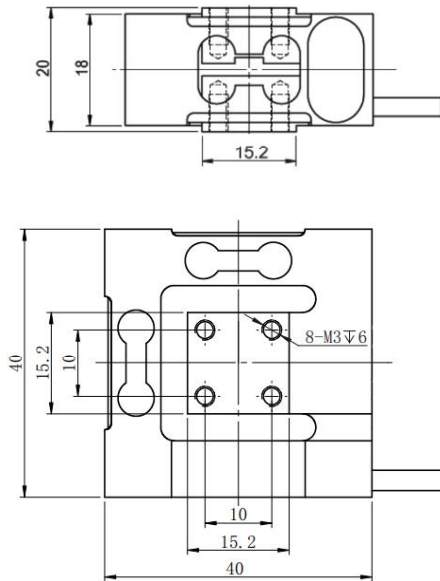


安装尺寸 MOUNTING DIMENSION

MS5001



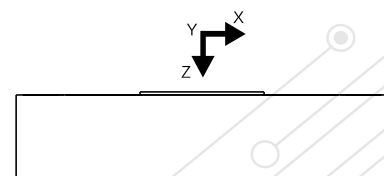
特点和用途 FEATURES & APPLICATIONS

- ◆ 铝合金材料
- ◆ 结构小巧，安装方便
- ◆ 三方向独立电桥
- ◆ 主要用于三向测力系统
- ◆ Aluminum alloy material
- ◆ Compact structure and convenient installation
- ◆ Three direction independent bridge
- ◆ Mainly used in three-way force measurement system

技术参数 TECHNICAL PARAMETERS

参数	Specifications	技术指标/Technique
额定容量	Capacity(N)	FX/FY/FZ: 10N, 20, 50, 100, 200 500N
精度输出	Accuracy class	0.2%F.S.
额定输出	Rated output	1.0±0.2mV/V
零点输出	Zero balance	±0.2mV/V
非线性	Non-linearity	±0.2%F.S.
滞后	Hysteresis	±0.2%F.S.
重复性	Repeatability	±0.2%F.S.
蠕变(30min)	Creep(30min)	± 0.2%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	±0.5%F.S./10℃
输入电阻	Input impedance	350±5Ω
输出电阻	Output impedance	350±5Ω
绝缘电阻	Insulation	≥5000MΩ/50VDC
激励电压	Excitation Voltage	2~7VDC
最大激励电压	excitation Voltage	10VDC
温度补偿范围	Compensated temp range	-10~40℃
工作温度范围	Operation temp range	-20~60℃
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	Φ3x2m

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)