拉压双向 Tension and Compression Load

MS2004

安装尺寸 MOUNTING DIMENSION

Ø12
M8
12
13
52
20
14
12.5
M8
Ø34

10
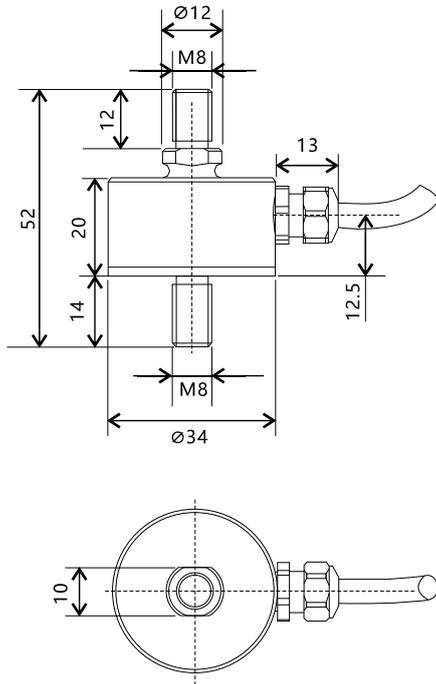
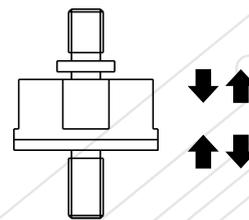## 特点和用途 FEATURES & APPLICATIONS

◆ 微型传感器，安装方便
◆ 不锈钢材料, 拉压双向
◆ 主要用于汽车压装、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
具组装等工业自动化领域

◆ Micro sensor, easy to install
◆ Stainless steel material, Bidirectional tension
◆ Mainly used in automotive press assembly,
automatic assembly, 3C product testing new energy
product assembly, medical testing, robot field, mold
assembly and other industrial automation field

技术参数 TECHNICAL PARAMETERS

参数	Specifications	技术指标/Technique
额定容量	Capacity	0.5,1,1.5,2,3,5kN
输出灵敏度	Rated output	1.5±10%mV/V
零点输出	Zero balance	±0.05%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℃
零点温度漂移	Temp.effect on zero	0.05%F.S./10℃
输入电阻	Input impedance	700±10Ω
输出电阻	Output impedance	700±10Ω
绝缘电阻	Insulation	≥5000MΩ/100VDC
激励电压	Recommended excitation	5~15V
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

EXC+Red(红)
SIG+Green(绿)
Shield屏蔽线
SIG−White(白)
EXC− Black(黑)

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