

DISPLACEMENT DIGITAL DISPLAY TABLE
位移数显表
◎ M51S



- 多段线性补偿
Multistage linear compensation
- 准绝对式测量
Quasi-absolute measurement
- 高亮度、高对比度数码管显示
High brightness, high contrast digital tube display
- 非接触式测量，零磨损
Non-contact measurement, zero wear
- 可定制RS485/0-10V/4-20mA/两路继电器输出
RS485/0-10V/4-20mA/ two relay outputs can be customized
- 初始值自定义功能
Initial value user-defined function
- 长度/角度，绝对/相对，毫米/英寸，多档可调
Length/Angle, absolute/relative; mm/inch, multi-gear adjustable

◎ 订货型号 (ORDER TYPE)

M51S - 3C - 24V - P - L1 - 485/RLY2

产品系列 线长 (可选) 电压 带屏蔽 版本(可选) 信号输出(可选)

Product series Line length (optional) voltage Tape shield versions(optional) Signal output(optional)



◎ 技术参数 (TECHNICAL PARAMETER)

型号参数 (Type parameter)	M51S
配套磁尺 (Matching magnetic ruler)	MS50
磁极距 (Magnetic pole distance)	5mm
工作电压 (Operating voltage)	12-24 V DC
电流消耗 (Current consumption)	≤600 μA
分辨率 (Resolution)	MM/DEG: 1, 0.1, 0.01; inch: 0.001
显示范围 (Display range)	-199999 ~ 999999
系统精度 (System accuracy)	± (0.05+0.02*L) mm
重复精度 (Repeatability)	Max.±10μm
开口尺寸 (Opening size)	92×66mm
移动速度 (Moving speed)	Max.3m/s
外壳结构 (Shell structure)	嵌入式套件 (Embedded kit)
读头间隙 (Read head gap)	Max.1.5mm
工作温度 (Operating temperature)	-10℃~ +60℃
存储温度 (Storage temperature)	-20℃ ~ +70 °C
防护等级 (Class of protection)	数显表 IP40, 传感器 IP67 (Digital display meter IP40, sensor IP67)
可定制 (customizable)	线长、RS485、两路继电器可按需定制 (Line length, RS485, two relay can be customized)

