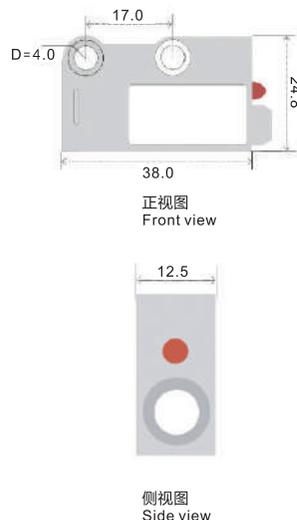


# 磁性直线编码器 MPS 5000

## MAGNETIC LINEAR ENCODER



- 非接触式测量,无磨损  
Non-contact measurement. no wear and tear.
- 防护等级高,对水油污,灰尘等环境不敏感  
Protection grade is high, the water, oil, dirt and other environment is not sensitive
- 直接测量位移数据,无机械转换误差  
Directly measured displacement data, without mechanical conversion error
- 告警指示灯  
The alarm indicator
- 工业标准数字信号输出  
Industry standard digital signal output
- 循环参考信号输出  
Circular reference signal output
- 高品质连接线材  
High quality connection wire
- 公过热保护  
Overheating protection
- 可按客户需求订制(分辨率,线长等)  
Can be made according to customer requirements(resolution, line length, etc.)

### 特性、技术参数表、备注

特性 Features	技术参数 Technical parameters	备注 Notes
电源电压 Power supply voltage	DC5--28V	带极性保护功能 With reverse polarity protection function
分辨率 Resolution	0.005...0.1mm	可选 Optional
系统精度 System accuracy	±(0.025+0.02L)mm	单位为:米 Unit: m
适用磁尺 Applied magnetic ruler	5mm+5mm	单位为:毫米 Unit:mm
读头与磁带间距 Read head and the tape space	0.8mm--2.5mm	
电源功耗 Power consumption	小于50mA	无负载情况下 Under no load
输出驱动电流 Output drive current	MAX+50mA每线 MAX+50MA line	过流过热保护 Overcurrent thermal protection
输出模式(ABZ方波信号) Output mode(ABZ square wave signal)	P推挽/RS422线驱动 PP push-pull/RS422 line driver	可选 Optional
线缆长度 Cable length	2m.....30m	可选 Optional
测量输出速度 Measuring output speed	100KHZ	
防护等级 Protection ratin	IP67	
工作温度 Working temperature	-10C...+55°C	
储存温度 Storage temperature range	-25C...+75°C	
外壳 Shell	黑色压铸铝合金 Black die-cast aluminum	

#### [机械特性:]

印模压铸读数头  
两个M4螺纹孔或M3通孔固定读数头  
安装公差范围大

#### [Mechanical characteristics:]

Print molded cast reading head.  
Two M3 or M4 threaded holes through hole fixingread head.  
Installation tolerance range.

#### [电气特性:]

电缆柔性好  
信号具有良好的稳定性  
最大速度超过1m/应使用"专用线"

#### [Electrical characteristics:]

Cable flexibility.  
Signal has a good stabilit.  
Maximum speed over 1 M/should use"line."