

INCREMENTAL MAGNETIC GRID ENCODER

增量式磁栅编码器

MPS5000



- 过热保护  
Overheat protection
- 非接触式测量无磨损  
Non-contact measurement without wear
- 告警指示灯  
Alarm indicator light
- 工业标准数字信号输出  
Industrial standard digital signal output
- 高品质连接线材  
High quality connecting wire
- 防护等级高,耐油,灰尘,润滑剂等污染  
High level of protection, oil, dust, lubricants and other contaminants
- 循环参考信号输出  
Cyclic reference signal output
- 可按客户需求订制(分辨率,线长等)  
Customizable (resolution, line length, etc.)
- 直接测量位移数据,无机械转换误差  
Direct measurement of displacement data without mechanical conversion errors

特性 (Characteristic)	技术参数 (Technical parameter)
供电电压 (Supply Voltage)	DC5V or DC7-28V 带极性保护功能 (With polarity protection)
磁间距 (Magnetic spacing)	5+5mm
分辨率 (Resolving power)	0.0025-0.1mm (可选) (Optional)
系统精度 (System Accuracy)	(0.025+0.03*L)mm L单位为:米 (L in meters)
电源功耗 (Power Consumption of Power Supply)	<50mA (无负载情况下) (Without load)
线缆长度 (Cable length)	2m-30m (可选) (Optional)
输出驱动电流 (Output Driving Current)	MAX+50mA每线 (过流过热保护) MAX+50mA per line (overcurrent overheat protection)
输出模式(ABZ方波信号)Output mode (ABZ square wave signal)	PP推挽/RS422线驱动 (可选) PP Push-Pull/RS422 Wire Drive (Optional)
外壳 (Housing)	黑色压铸铝合金 (Black die-cast aluminium alloy)
工作温度 (working temperature)	-20°C-70°C
储存温度 (Storage temperature)	-20°C-80°C
防护等级 (Protection Class)	IP67

安装和调试要点, 详见产品说明书 (Installation and commissioning points are detailed in the product instruction)

