

INCREMENTAL MAGNETIC GRID ENCODER

增量式磁栅编码器

LMD



- 高系统精度,高重复精度
High system accuracy, high repeatability

- 高分辨率达0.1um
High resolution up to 0.1um

- 高间隙公差
High clearance tolerance

- 高输出频率 8000KHz
High output frequency 8000KHz

- 智能告错指示灯
Intelligent error indicator light

- 超亿次的折弯高柔导线
More than 100 million bends of flexible conductors

- 非接触式测量,耐灰尘、耐磨损、耐冲击、抗振动、抗磁场干扰

Non-contact measurement, dust resistance, wear resistance, impact resistance, vibration resistance, magnetic field interference resistance

特性 (Characteristic)	技术参数 (Technical parameter)
供电电压 (Supply Voltage)	5V +/-5%
磁间距 (Magnetic spacing)	2+2mm
分辨率 (Resolving power)	1μm
重复精度 (Repetition accuracy)	±1μm
输出频率 (Output frequency)	2000KHz
速度 (Speed)	5m/s
线缆 (Cable)	8芯屏蔽线 (8-core shielded wire)
接线方式 (Wiring method)	直接出线 (Direct outgoing)
输出形式 (Output form)	RS422
LED状态指示 (LED status indication)	红/绿色 (Red/green)
电流 (Electric current)	小于50mA (Less than 50 mA)
可订制参数 (Customizable parameters)	分辨率, 输出频率, 计数方向, 线缆长度 (≤15米) Resolution, output frequency, counting direction, cable length (≤15m)
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)

