

## INCREMENTAL MAGNETIC GRID ENCODER

### 增量式磁栅编码器

LMDK(客户定制)



- **高系统精度,高重复精度**  
High system accuracy, high repeatability
- **高间隙公差,任意测量长度**  
High clearance tolerance, arbitrary measuring length
- **智能告错指示灯**  
Intelligent error indicator light
- **高品质连接线,编织屏蔽线,耐折弯,耐磨,抗干扰**  
High quality wiring, braided shielding wire, bending resistance, abrasion resistance, anti-interference
- **高分辨率达0.1um**  
High resolution up to 0.1um
- **高输出频率 8000KHz**  
High output frequency 8000KHz
- **体积小,适用于小安装空间**  
Small size, suitable for small installation space
- **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)	1000KHz
速度 (Speed)	4m/s(可按客户定制) (Can be customized)
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45mA (Less than 45 mA)
可订制参数 (Customizable parameters)	分辨率, 输出频率, 计数方向, 线缆长度 Resolution, output frequency, counting direction, cable length
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)

