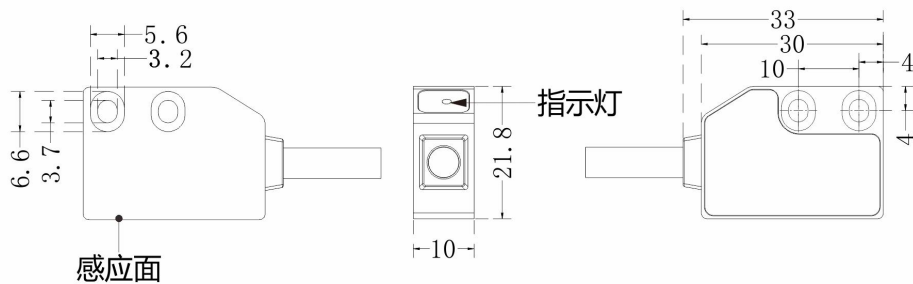


# LMT 增量式磁栅编码器

## LMT INCREMENTAL MAGNETIC GRID ENCODER



标注单位: mm

### 性能和优势

- 高系统精度,高重复精度  
High system accuracy, high repeatability
- 高分辨率(磁距2mm,分辨率最高可达0.3um)  
High resolution, (2mm magnetic distance, minimum resolution 0.3um)
- 高间隙公差,任意测量长度  
High clearance tolerance, arbitrary measuring length
- 体积小,适用于小安装空间  
Small size, suitable for small installation space
- 智能告错指示灯,显示编码器的工作状态  
Intelligent error indication lamp to display the working state of encoder
- 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
- 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
- 可定制最高输出频率(最大输出频率可达8000KHz)  
Customizable maximum output frequency (maximum output frequency can be Up to 8000KHz)
- 工业标准数字信号 (A+,A-,B+,B-,Z+,Z-), 标准 RS422 差分信号  
Industrial standard digital signals (A+, A-, B+, B-, Z+, Z-), standard RS422 differential signals
- 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

### 产品技术参数

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)	±2μm
输出频率 (Output frequency)	1000KHz (输出频率可定制)
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