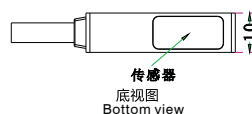
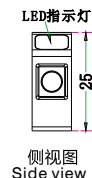
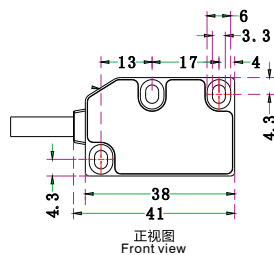


# 增量式磁栅编码器 LMST

## INCREMENTAL MAGNETIC GRID ENCODER



- 非接触式测量无磨损  
Non-contact measurement, no wear
- 高系统精度高重复精度高分辨率  
High system accuracy, high repeatability, high resolution
- 防护等级高,耐油污灰尘润滑剂等污染  
High degree of protection, oil stain, dust, lubricant and other pollution
- 智能告错指示灯,显示编码器工作状态  
Intelligent error indicator, showing the working status of the encoder
- 工业标准数字信号(A+,A-,B+,B-,Z+,Z-),标准RS422差分信号  
Industry standard digital signal(A+, A-, B+, B-, Z+, Z standard RS422 differential signal
- 高间隙公差任意测量长度  
High clearance tolerance, arbitrary measurement length
- 体积小更能应用于小尺寸空间  
Small size, more suitable for small size space
- 高品质连接线材,编织屏蔽线耐折弯,耐磨抗干扰  
High quality connecting wire, braided shielded wire, resistant to bending, abrasion and interference
- 可定制最高输出频率  
Customizable maximum output frequency
- 金属铝外壳高柔性,双屏蔽电缆,耐磨,耐冲击、抗振动、抗磁场干扰  
Metal aluminum housing, high flexibility, double shielded cable, wear resistant, impact resistant, vibration resistant, magnetic field resistant

### 特性、技术参数表、备注

特性 Features	技术参数 Technical parameters	备注 Notes
输出频率 Output frequency	1000KHZ	
系统精度 System accuracy	(0.025+0.02*L)mm	
线缆 Cable	直径5.0mm4-8芯屏蔽线 Diameter 5.0mm4-8 core shielded wire	
显示分辨率 Display resolution	0.0025-0.1mm(可定制) 0.0025-0.1mm (can be customized)	
最大外观尺 Maximum Appearance Size	45X14X12mm	
输出形式 Output form	RS422	
供电电压 Supply voltage	直流5V DC5V	
消耗电流 Consumption current	小于40mA	
最大速度 Maximum speed	4m/s	
适用磁尺 Applicable magnetic ruler	2mm+2mm	
读头与磁带间距 Spacing between reader and tape	0.2mm-0.5mm	
LED状态指示 LED status indication	红色/绿色 Red Green	
可定制参数 Customizable parameters	分辨率,输出方式,线缆长度 Resolution, output mode, cable length	
传感器防护等级 Sensor protection level	IP67	
工作温度 Working temperature	-20°C-----+70°C	
储存温度 Storage temperature range	-20°C-----+80°C	

**[安装和调试要点, 详见产品说明书:]**  
Installation and commissioning, see product specifications