

MAGNETIC SENSOR  
磁栅传感器  
◎ GN系列 (GN SERIES)



- 非接触测量，零磨损  
Non-contact measurement, zero wear

■ 超小尺寸，节省安装空间  
Ultra-small size saves installation space

■ 抗震、防油、防尘、防水、耐高温  
Seismic, oil, dust, water, high temperature resistance
- 高分辨率  
High resolution

■ 高重复精度  
High repetition accuracy

■ 超千万次拖链次数  
More than 10 million drag chain times

◎ 订货型号 (ORDER TYPE)

**GN**

↓

产品系列  
Product series

**2B**

↓

型号 (可选)  
Model (optional)

**X**

↓

电压  
voltage

**1**

↓

分辨率 (可选)  
Resolution (optional)

**L3**

↓

线长 (可选)  
Line length (optional)

**P8N**

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线芯线材 (可选)  
Wire core (optional)

**K1000**

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频率 (可选)  
frequency (optional)



◎ 技术参数 (TECHNICAL PARAMETER)

型号参数 (Type parameter)	GN
配套磁尺 (Matching magnetic ruler)	MS20
磁极距 (Magnetic pole distance)	2mm
工作电压 (Operating voltage)	5V
分辨率 (Resolution)	Max.1μm
重复精度 (repeatability)	Max.±2μm/m
输出信号 (Output signal)	单端或差分 (Single-ended or differential)
安装间隙 (Installation clearance)	Max.0.5mm
移动速度 (Moving speed)	Max.4m/s
工作温度 (Operating temperature)	-20℃~ +80℃
保护等级 (Protection class)	IP67
输出形式 (Output form)	RS422
外观材质 (Appearance material)	锌合金 (Zinc alloy)
可定制参数 (Customizable parameter)	分辨率、输出频率、计数方向、线缆长度 (Resolution, output frequency, counting direction, cable length)

