

ABSOLUTE MAGNETIC ENCODER

绝对值磁栅编码器

AMG2000



- 周期编码长度16384mm
Period code length 16384mm
- 支持BISS-C,SSI,RS-485,松下,多摩川等通讯协议
Supports BISS-C, SSI, RS-485, Panasonic, Domoichuan and other communication protocols
- 淘汰两端限位开关及原点校准开关, 节省I/O信号输入端口
Eliminate limit switches at both ends and origin calibration switches to save I/O signal input ports
- 电机上电无须寻相
No phase finding is necessary when the motor is energized
- 彻底解决增量式编码器因干扰, 丢脉冲问题
Completely solve the problem of incremental encoder losing pulse due to interference

特性 (Characteristic)	技术参数 (Technical parameter)
供电电压 (Supply Voltage)	5V +/-5%
消耗电流 (Current Consumption)	150mA(Max)
磁间距 (Magnetic spacing)	2+2mm
分辨率 (Resolving power)	0.1-10 um (可选) (Optional)
位置数据接口 (Location Data Interface)	SSI; BISS-C (可选) (Optional)
参数配置接口 (Parameter Configuration Interface)	RS485
重复精度 (Repetition accuracy)	±2分辨率 (± 2 resolution)
SSI时钟频率输入 (SSI Clock Frequency Input)	≤750KHz(取决于电缆长度) (Depending on cable length)
磁条精度 (Strip Accuracy)	±20um
最大测量长度 (Maximum measuring length)	16.3m
最大速度 (Maximum speed)	4m/s
最大电缆长度 (Maximum cable length)	10m
抗震性 (Seismic resistance)	200m/s ²
接线方式 (Wiring method)	直接出线 (可选DB9,DB15) (Optional DB9,DB15)
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)

