ABSOLUTE MAGNETIC ENCODER

绝对值磁栅编码器
AMS128

AMS128 CE
GAP:0.3±0.2mm
Resolution:1um

SSI | BISS INTERFACE | Tamagawa | Panasonic

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)	114mm
最大速度 (Maximum speed)	2m/s
最大电缆长度 (Maximum cable length)	10m
抗震性 (Seismic resistance)	200m/s²
接线方式 (Wiring method)	直接出线（可选DB9,DB15） (Optional DB9,DB15)
防护等级 (Protection Class)	IP67

■ 周期编码长度128mm
Period code length 128mm

■ 旋转轴直径80-260mm
Rotating shaft diameter 80-260mm

■ 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

■ X/Y/θ三轴微动平台三轴电机上电均无须寻相
X/Y/ θ Three-axle Micro-Platform three-axle motor power-up without phase finding

■ 支持BISS-C,SSI,RS-485,松下,多摩川等通讯协议
Supports BISS-C, SSI, RS-485, Panasonic, Domochuan and other communication protocols

■ 提供X/Y/θ三轴微动平台全套绝对值反馈角决方案
Provide X/Y/ θ Full Set of Absolute Feedback Angle Solutions for Three-axle Micro Platform

■ 淘汰X/Y/θ三轴微动平台三轴高、低限位及原点开关,节省9路I/O信号输入端口
Eliminate X/Y/ θ Tri-axle Micro-Platform tri-axle high and low limit and origin switch, saving 9 I/O signal input ports

安装和调试要点，详见产品说明书（Installation and commissioning points are detailed in the product instructions）

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Φ5
增量式磁尺
绝对式磁尺
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14.6
2-M3贯穿牙孔
8.3
指示灯
10
16.5
3.5
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磁栅尺
1.45
装贴磁栅尺时需要用贴磁器导向装贴