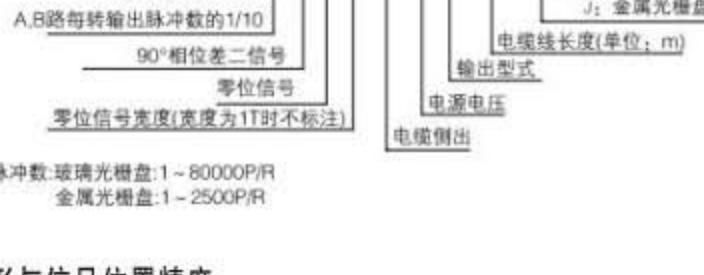


A-LFA



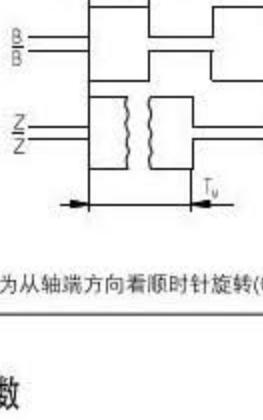
用途及特点

- 脉冲数可达 $3000000/\text{min}$, 响应频率可达 3.5MHz 。
 - 适用于高精度数控装置。
 - 其特点是采用ASIC光电器件, 可靠性高, 寿命长, 抗干扰性能强, 宽温度使用范围等。



输出波形与信号位置情况

A diagram showing a horizontal line representing a 4-bit binary counter. The line is divided into four segments by vertical tick marks, labeled X_1 , X_2 , X_3 , and X_4 from left to right. An arrow points to the left above the line, indicating the direction of the counter's flow. Below the line, there is a small circle with a dot inside, followed by the label 'A'.



输出 电源电压 消耗

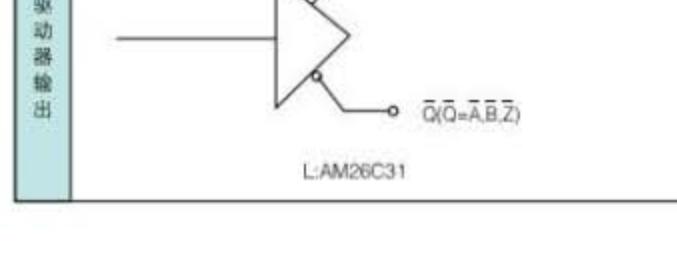
周期误差: $\leq 0.05\%$
 $T=360^\circ/N$ (N为每转输出脉冲数)
 Z路信号宽度
 1、 $T_u=1T \pm 0.5\%$
 $T_u=nT \pm 1T (n \geq 2)$
 Z路信号与A、B路信号相位关系不做规定
 2、 $T_u=0.5T \pm 0.25T$
 $T_u=0.25T \pm 0.125T$
 Z路信号上升沿与B路信号上升沿对齐
 备注:8192P/R以上(不含8192), T_u 的宽度只能为0.25

■ 机械参数					
最大转数 (r/min)	启动力矩 (25°C) (N·m)	轴最大负载(N)		惯性 力矩 (kgm ²)	允许 角加速度 (rad/s ²)
		径向	轴向		
6000	4×10^{-2}	50	30	2.8×10^{-8}	10000

■ 环境参数

-30~+85	-40~+95	100(50~2000Hz,x,y,z三个方向各2小时)	500(x,y,z三方向各2次,每次持续6ms)	IP65(壳体) IP52(轴承)
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4-M4深3均布 85

This technical drawing shows a component with a total width of 85. The label '4-M4深3均布' indicates four M4 holes distributed evenly along the top edge. The bottom edge features a stepped profile.

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