



◆ 产品特点

- 体积小、重量轻、安装方便
- 2路正交输出信号 (A,B)+零位信号
- 分辨率高达3600脉冲
- 外径38mm, 孔径8mm

◆ Features

- Miniature size, easy assembling
- 2 quadrature output channel (A&B)+index signal
- Resolution up to 3600 cpr
- Housing size 38mm, hollow shaft dia. 8mm

◆ 型号说明 Ordering Information

RA38H	G	-	B	4	C	1	-	A4	H	X
轴径 Shaft Dia.	分辨率 Resolution	工作电压 Supply Voltage	输出方式 Output Form	零信号宽度 Index Width	芯数 Wire Qty	电缆长度 Cable Length	板簧 Coupling			
G: 8mm	E-200 D-300 G-360 H-400 A-500 K-512 A4-600 AC-625 AD-750 AB-900	5: 5V DC 4: 7~24V DC	E: 电压输出/TTL L: 长线驱动/Line Driver F: 推拉输出/ Push-Pull C: 集电极开路/ Open Collector NPN	1: 1T 2: 1/2T 3: 1/4T	A4: 5芯 5 wire C6: 8芯 8 wire	H: 1.0m K: 1.5m	G: Coupling "A" H: Coupling "B" K: Coupling "C"			
AJ-720 A5-800 B-1000 J-1024 A8-1200 L-1250 AU-1440 AW-1500 AH-1600 AA-1800 T-2000 U-2048 V-2400 W-2500 AM-3000 AP-3600										

备注 / Note:

- 1 下单前请联系销售人员确认型号 / Please contact sales representative to confirm the correctness and availability of the part number
- 2 长线驱动仅5V可选 / Line Driver is only available with 5V DC option.
- 3 上表中分辨率背景灰色部分, 零位信号宽度1T不可选 / Resolutions in grey background are NOT available with index width 1T

◆ 技术参数 Technical Specifications

参数/Parameter	标准数值/Typ Value	备注/Note
电源电压/supply Voltage	DC 5V / 7~24V (±10%)	*1 最大响应频率受限于最大转速
最大响应频率/Max. Response Frequency	150 kHz	Max. response frequency is gated by max. rotation speed
最大转速/Max. Rotation Speed (*1)	3000 rpm	
最大消耗电流/Max. Current Consumption	120mA (空载/Unloaded)	
最大上升-下降时间/Max. Rise-Fall Time	200ns (长线驱动/Line Driver)	
最大上升-下降时间/Max. Rise-Fall Time	1us (其他输出/Other Output Mode)	
工作温度/Operating Temperature	-20 ~ 85°C (不结冰/unfrozen)	
储存温度/Storage Temperature	-20 ~ 85°C (不结冰/unfrozen)	
防护等级/IP Rating	IP54	

◆ 接线表 Connection Table

接线颜色 Color of Lead Wire	绿 GN	白 WH	黄 YE	红 RD	黑 BK	屏蔽线 Shield	棕 BN	灰 GY	橙 OG
输出信号-长线驱动 Output- Line Driver	A+	B+	Z+	Vcc	0V	NC	A-	B-	Z-
输出信号-其他输出 Output- Other Output	A	B	Z	Vcc	0V	NC	n/a	n/a	n/a

◆ 输出波形 Output Waveform



