



编码器参数 Encoder specifications

供电电压 (Supply voltage)	DC3.3~5V	上电时间 (Power-Up time)	35ms
典型电流值 (Typical current)	15mA	输出延迟 (Propagation delay)	$\leq 10\mu s$
最大机械速度 (Max. mechanical speed)	50000RPM	使用温度 (Operating temperature)	-40...+125°C
每转脉冲数 (Number of pulses per revolution)	1-1024PPR	编码器类别 (Encoder type)	磁编码器 Magnetic encoder

连接器型号 Connector model

Molex51021-0800 间距1.25mm

连接线型号 Cable model

UL10064 28#AWG

线序 Cable sequence

Pin1 Motor + (有刷电机) 黑色Black	Pin2 GND 绿色Green	Pin3 VCC(DC3.3V~5V) 棕色Brown	Pin4 NC 白色White
Pin5 Channel A 黄色Yellow	Pin6 Channel B 紫色Purple	Pin7 Channel Z 灰色Gray	Pin8 Motor + (有刷电机) 蓝色Blue

典型编码器输出信号 Typical encoder output signal

