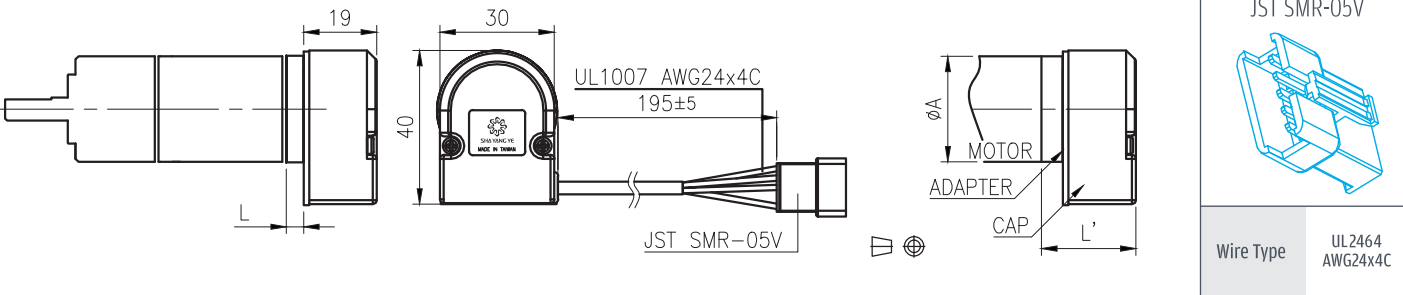


OPTICAL Encoders

Two Channel Optical Encoders 雙向光學式編碼器



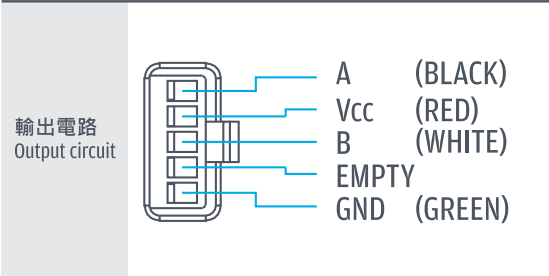
馬達外徑 & 長度/



電氣特性/ Electrical Characteristics

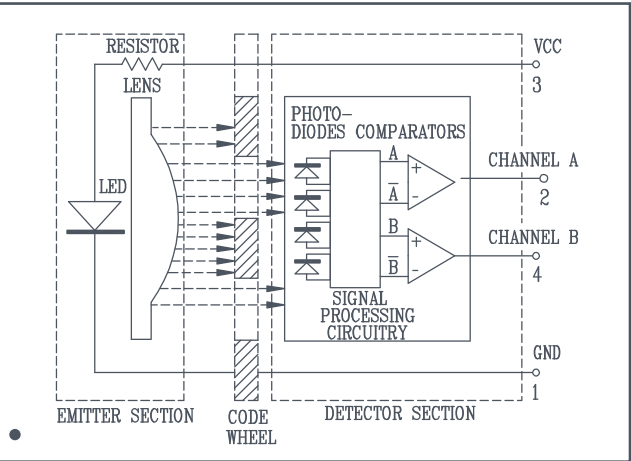
規格特性 Characteristics	規 格 SPECIFICATION
輸入電壓 Supply Voltage Vcc	5V ± 10%
相位差 Phase shift	90°e ± 45°e
訊號上升時間 Singal rise time (typically, at CL=25pF, RL=11k, 25°C)	6 ns
訊號下降時間 Singal fall time (typically, at CL=25pF, RL=11k, 25°C)	6 ns
讀取頻率 Count frequency	20~80 kHz
負載端電容 Load Capaitance	100pf
通道輸出電流 Output current per channel	± 20mA

Motor	Overall Length (L')		Resolution
	Adapter (L)	Cap	
Ø 28	4.5 ± 0.5 mm	19 mm	100/200/256 360/400/500
Ø 36	4.5 ± 0.5 mm	19 mm	
Ø 40	None	19 mm	
Ø 42	10 ± 0.5 mm	19 mm	



- 使用相對溼度：20%~85%RH Operating relative humidity
- 使用溫度範圍：-10°C~+60°C Operating temperature range

方塊示意圖 / Block Diagram



輸出波型 / Output Waveform

