

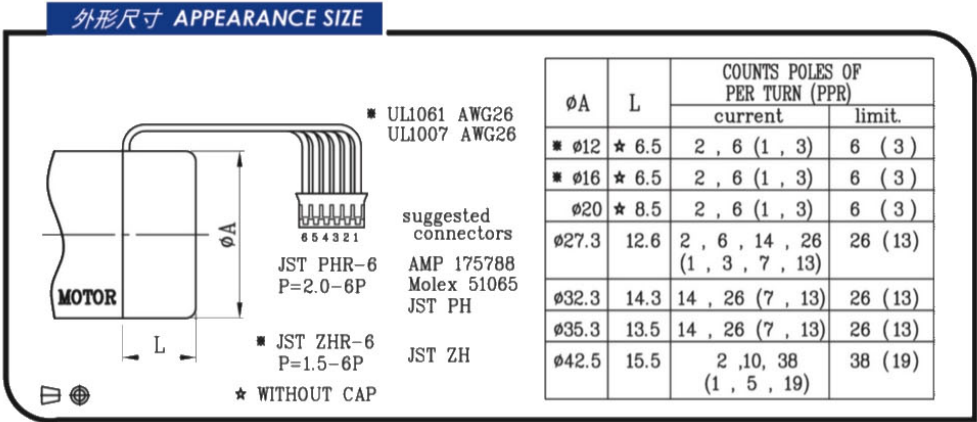
Magnetic Encoders

- 雙向霍爾作用譯碼器
Two Channel Hall Effect Encoder
 - 單向霍爾作用譯碼器
One Channel Hall Effect Encoder
- ★使用相對溼度 20%~85%RH

★使用溫度範圍 -10°C~+60°C

Operating relative humidity

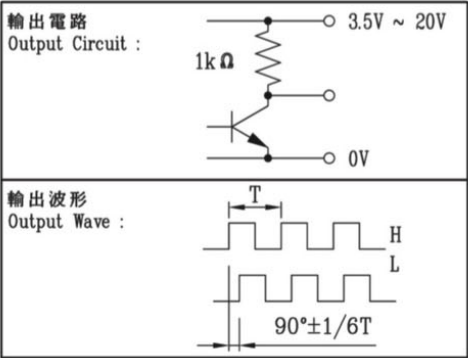
Operating temperature range



電氣特性

ELECTRICAL CHARACTERISTICS

規格特性 CHARACTERISTICS	代號 SYMBOL	測試條件 TEST CONDITIONS	極小 MIN.	基準 REF.	最大 MAX.	單位 UNITS
輸入電壓 Supply Voltage	Vcc	---	3.5	—	20	V
輸出飽和電壓 Output Saturation Voltage	Vce(sat)	Vcc=14V ; Ic=20mA	—	300	700	mV
輸出漏電流 Output Leakage Current	Icex	Vce=14V ; Vcc=14V	—	< 0.1	10	μV
輸入電流 Supply Current	Ice	Vcc=20V Output open	—	5	10	mA
輸出上升時間 Output Rise Time	tr	Vcc=14V ; RL=820Ω ; CL=20pF	—	0.3	1.5	μS
輸出下降時間 Output Fall Time	tf	Vcc=14V ; RL=820Ω ; CL=20pF	—	0.3	1.5	μS



Two Channel Encoder Connections :	1. Black : -MOTOR 2. Red : +MOTOR 3. Brown : HALL SENSOR Vcc 4. Green : HALL SENSOR GND 5. Blue : HALL SENSOR A Vout 6. Purple : HALL SENSOR B Vout
One Channel Encoder Connections :	1. Black : -MOTOR 2. Red : +MOTOR 3. Brown : HALL SENSOR Vcc 4. Green : HALL SENSOR GND 5. Blue : HALL SENSOR A Vout 6. Purple : EMPTY