



**ELECTRICAL SPEC.**

Detection System	Absolute 絕對值型
Output Code 輸出碼值	Gray Code
Standard Number of Pulse Per Revolution 解析	16
Electronics 電路特性	NPN Voltage 電壓型, NPN Open Collector 電流型
Power Supply 供應電源	DC 5~12V or DC 10~26V for NPN Voltage, DC 5~26V for NPN Open Collector
Current Consumption 消耗電流	≤ 70 mA
Logic 邏輯	Negative Logic (H=0, L=1) 負理論輸出
Max. Response 最大響應頻率	10K Hz

**MECHANICAL SPEC.**

Shaft Diameter 軸徑	6 mm
Shaft Loading 軸荷重	Axial 軸向: 1 Kg, Radial 徑向: 2 Kg
Max. Speed 最大機械容許速度	3,000 rpm
Vibration Resistance	Endurance 55 Hz double amplitude 1.5 mm / 2 hours in X, Y and Z directions
Shock Resistance	Endurance 500 m / S <sup>2</sup> (50g) 3 times each in X, Y, Z direction
Cable 電線	Ø4.5, 50 cm long, vinyl shielded
Weight 重量	≤ 100g

**ENVIRONMENTAL SPEC.**

Operating Temp. / Humidity 操作溫度/濕度	0°C ~ 60°C, RH 35% ~ 90% (No Condensation)
Storage Temp. 儲存溫度	-20°C ~ 80°C
Protection 保護等級	IP50: Dust Proof

**ORDERING INFORMATION**

<b>A1</b>	Output Code 輸出信號	Pulse per Revolution 解析	Electronics 電路特性	Supply Voltage 供應電源
	G: Gray Code	16 P/R	LV: NPN Voltage HV: NPN Voltage C: NPN Open-Collector	Blank: 5~12Vdc Blank: 10~26Vdc Blank: 5~26Vdc

**ELECTRICAL CONNECTION**

Wire Color (cable output)	16 PPR
Red	+V
Black	0V
Blue	bit 1 (2 <sup>0</sup> )
Green	bit 2 (2 <sup>1</sup> )
Yellow	bit 3 (2 <sup>2</sup> )
Violet	bit 4 (2 <sup>3</sup> )
Shield	-