



ELECTRICAL SPEC.

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| 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.

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| 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 ² (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.

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| 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

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|-----------|---------------------|----------------------------|-----------------------|------------------------|
| A1 | 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 | Blank: 5~12Vdc |
| | | | HV: NPN Voltage | Blank: 10~26Vdc |
| | | | C: NPN Open-Collector | Blank: 5~26Vdc |

ELECTRICAL CONNECTION

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