



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 | 256 |
| Electronics 電路特性 | NPN Voltage 電壓型, NPN Open Collector 電流型 |
| Power Supply 供應電源 | DC 10~26V, DC 5V fixed |
| 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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|--------------------------|--|
| Hollow Shaft Diameter 孔徑 | 8 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 | ≤ 200g |

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

AHB-8 -

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|---------------------|----------------------------|---|---|
| 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 | 256 P/R | BLANK: NPN Voltage C: NPN Open-Collector | Blank: 10~26 Vdc 5V: 5 Vdc fixed |

ELECTRICAL CONNECTION

| Wire Color (cable output) | 256 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) |
| Orange | bit 5 (2 ⁴) |
| Brown | bit 6 (2 ⁵) |
| White | bit 7 (2 ⁶) |
| Gray | bit 8 (2 ⁷) |
| Shield | — |