



測出單位換算表

m (米)	mm (公釐)
0.1m	100mm
0.01m	10mm
0.001m	1mm
0.0005m	0.5mm
0.0002m	0.2mm
0.0001m	0.1mm

ELECTRICAL SPEC.

Detection System	Incremental 增量型
Output Wave 輸出波形	Square Wave 方波
Standard Resolution (mm/pulse) 解析	100, 10, 5, 2, 1, 0.5, 0.2, 0.1 mm/pulse
Output Phase 輸出相	A phase or AB phase
Electronics 電路特性	NPN Voltage, NPN Open Collector, Push Pull or Line Driver
Power Supply 供應電源	DC 8~26V, DC 5V fixed
Current Consumption 消耗電流	≤ 60 mA
Output Capacity 輸出容量	Sync. Current: 20 mA, Residual Voltage: 0.5V or less
Max. Response 最大響應頻率	10K Hz ~ 100K Hz
Phase Different 相位差	A, B phase different 90°±45° (T/4±T/8)
Wave Form Rise / Fall 波形上下時間	2 μs or less
Polarity 極性保護	Against Reverse Protection (not with DC 5V)

MECHANICAL SPEC.

Type of wheel 輪子種類	Metal Knurled 金屬壓花輪 / PU silicon rubber (HRC 70)
Wheel Circle Length 輪周長	200 mm ±0.1%
Max. Speed 最大機械容許速度	5 m/ sec
Vibration 震動	10g (10±1,500 Hz)
Shock 衝擊	20g per 11 ms
Cable 電線	Ø4.5, 50 cm long
Weight 重量	≤ 500g

ENVIRONMENTAL SPEC.

Operating Temp. / Humidity 操作溫度/濕度	-10°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

EHT- RMW

Type of Wheel
輪子種類K: metal knurled
B: rubberResolution
解析100, 10, 5, 2, 1, 0.5, 0.2,
0.1 mm/pulseOutput Phase
輸出相1: A phase
2: AB phaseElectronics
電路特性Blank: NPN Voltage
C: NPN Open Collector
PP: Push Pull

*L: Line Driver 5 Vdc

*HL: Line Driver 5~26 Vdc

Supply Voltage
供應電源Blank: 8~26 Vdc
5V: 5 Vdc fixed