



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	Voltage 電壓型, Open Collector 電流型, Push Pull 推挽式 or Line Driver 差動式
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 $90^{\circ} \pm 45^{\circ}$ (T/4 \pm T/8)
Wave Form Rise / Fall 波形上下時間	2 μ s or less
Polarity 極性保護	Against Reverse Protection (Except Line Driver, Line Driver 除外)

MECHANICAL SPEC.

Type of wheel 輪子種類	Metal Knurled 金屬壓花輪 / PU silicon rubber (HRC 70)
Max. Speed	8 m / sec.
Vibration 震動	10g (10 \pm 1,500 Hz)
Shock 衝擊	20g per 11 ms
Cable 電線	$\phi 4.5$, 50 cm long
Weight 重量	≤ 500 g

ENVIRONMENTAL SPEC.

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

ORDERING INFORMATION

DHT R	Type of Wheel 輪子種類	Resolution 解析	Output Phase 輸出相	Electronics 電路特性	Supply Voltage 供應電源
	K: metal knurled R: rubber	100, 10, 5, 2, 1, 0.5, 0.2, 0.1 mm/pulse	1: A phase 2: AB phase	Blank: Voltage C: Open-Collector PP: Push-Pull * L: Line Driver 5Vdc * HL: Line Driver 8~26Vdc	Blank: 8~26Vdc 5V: 5Vdc fixed