



得豐實業有限公司
Dfwisdom Industrial CO., LTD

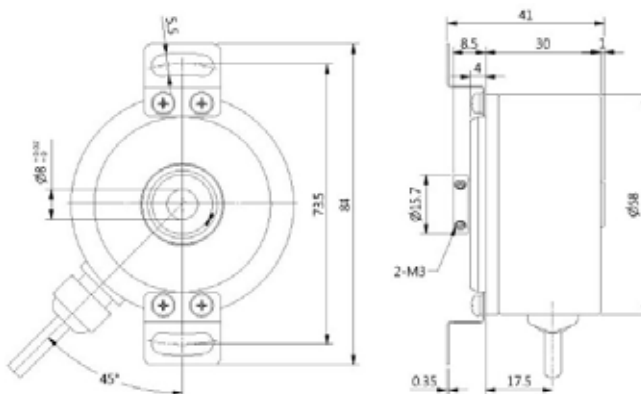
HTR-HK-8 中空軸心型 (ROTARY ENCODER HOLLOW SHAFT)

Thru - Hub Diameter 8 mm

NPN Voltage , NPN Open Collector , Push Pull

DC 5 ~ 26V

DIMENSION



ELECTRICAL SPEC 電器規格

Detection System 檢測系統	Incremental 增量型
Output Wave 輸出波形	Square Wave 方波
Standard Number of Pulse Per Revolution 解析	2,5,10,12,20,30,40,50,60,80,100,120,150,180,200,250,300,360,400,500,512,600,720,800,900,1000,1024,1200,1250,1500,1800,2000,2048,2500
Output Phase 輸出相	ABZ phase
Electronics 電路特性	NPN Voltage 電壓型, NPN Open Collector 電流型, Push Pull 推挽式
Power Supply 供應電源	DC 5 ~ 26V
Current Consumption 消耗電流	≤60mA
Output Capacity 輸出容量	Sync. Current : 20mA , 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) , Z phase T±T/2
Wave Form Rise / Fall 波形上下時間	2 μs or less
Polarity 極性保護	Against Reverse Protection

MECHANICAL SPEC 機械規格

Hollow Shaft Diameter 軸徑	8 mm
Shaft Loading 軸荷重	Axial 軸向 : 1 kg , Radial 徑向 : 2 kg
Starting Torque(at 25°C) 起動轉矩	300 gf-cm or less
Max. Speed 最大機械容許轉速	2,000 rpm
Vibration 震動	10 - 55 Hz / 1.5 mm Vpp. 10 G(Max.)
Shock 衝擊	20 g per 11 ms
Cable 電線	ø4.5 , 1000 mm long
Weight 重量	≤250g

ENVIRONMENTAL SPEC 環境規格

Operating Temp./ Humidity	0°C ~ 60°C,
操作溫度/濕度	RH 35 % ~ 90 % (No Condensation)
Storage Temp. 儲存溫度	-20°C ~ 70°C
Protection 保護等級	IP64 : Dust & dripping proof

Specifications Model 規格 型號

HTR-HK - 8 -		A-	
	Pulse per Revolution 解析		Electronics 電路特性
	2,5,10,12,20,30,40,50,60,80,100, 120,150,180,200,250,300,360,400, 500,512,600,720,800,900,1000, 1024,1200,1250,1500,1800,2000, 2048,2500		V : NPN Voltage C : NPN Open Collector P : Push Pull