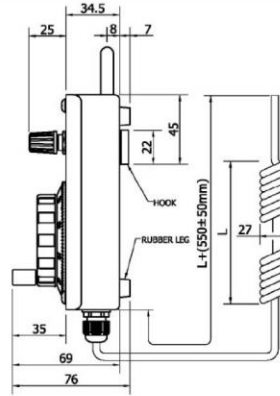
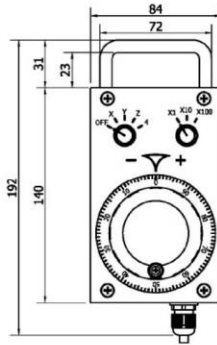




# 得豐實業有限公司

## Dfwisdom Industrial CO., LTD

### HPG-B 堅固型 (手握式) Pendant Hand Held



#### ELECTRICAL SPEC 電器規格 manual pulse generator

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	25, 100
Output Phase 輸出相	AB phase
Electronics 電路特性	NPN Voltage 電壓型, NPN Open Collector 電流型 or Line Driver 差動式
Power Supply 供應電源	DC 8 ~ 26V, DC 5V fixed
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	10 K 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 μ s or less

#### DIMENSION

#### MECHANICAL SPEC 機械規格 manual pulse generator

Shaft Loading 軸荷重	Axial 軸向 : 1 kg, Radial 徑向 : 2 kg
Starting Torque (at 25°C) 起動轉矩	260 g - cm
Max. Speed 最大機械容許轉速	500 rpm (Maximum 瞬間容許速度) 200 rpm (Continuous 連續容許速度)
X.Y.Z. Vibration 震動	10 ~ 50 Hz / 1.5 mm X.Y.Z. 2 hr
Shock 衝擊	50 g per 11 ms
Rotational Life 迴轉壽命	10 <sup>6</sup> cycles (200 rpm)
Weight 重量	≤ 1500 g

#### ENVIRONMENTAL SPEC 環境規格

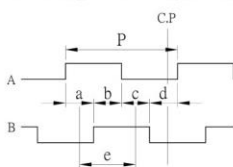
Operating Temp./ Humidity 操作溫度/濕度	-10°C ~ 60°C, RH 35 % ~ 90 % (No Condensation)
Storage Temp. 儲存溫度	-20°C ~ 80°C
Protection Grade 保護等級	IP 64

#### SWITCHES SPEC.( max.) 開關規格

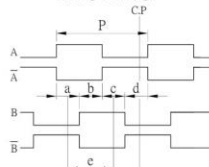
Rotary Switch	
Max. Voltage 最大電壓	DC 30V max.
Current 電流範圍	30 mA
Switch Cycle (Life) 旋鈕壽命	25,000 cycles

#### Output Wave Form 輸出波形 (Clockwise rotation is "CW Rotation" looked from the front side)

NPN Voltage / NPN Open Collector



Line Driver



- P = 1P/R : a.b.c.d = P/4 ± P/6
- C.P = click point 停止點信號 (For 25 P/R, C.P is at each position of a.b.c.d. 25 PPR 的停止點信號在 a.b.c.d 各個位置)
- Point e is recommended as the system switching timing. e 點為建議信號讀取/切換的範圍.

