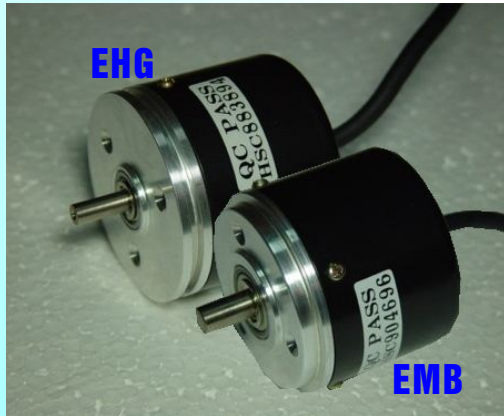




# Bridging the Gap between Real World and Computer

## EHG / EMB Series



### Features

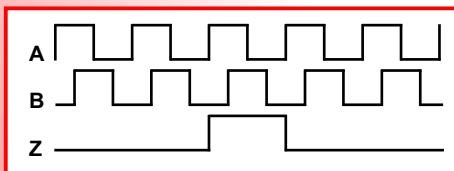
#### EHG Series

- ▶ Standard Type
- ▶ Shaft  $\phi$  6mm
- ▶ Shaft Options Available
- ▶ Collar Mounting

#### EMB Series

- ▶ General Type
- ▶ Shaft  $\phi$  8mm
- ▶ Shaft Options Available

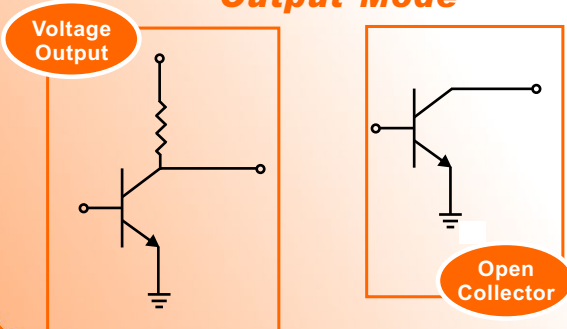
### Output Wave Form



### Connection

Red	Black	White	Green	Yellow	Shield
+	-	A	B	Z	

### Output Mode



### Specifications

#### Electrical Specifications:

- ▶ Power Requirement : 5Vdc, 8Vdc ~ 24Vdc
- ▶ Current Consumption : 50mA or below
- ▶ Response Frequency : 30KHz
- ▶ Output Impedance : 2K $\Omega$  (Mode : A)
- ▶ Output Signal : A & B, A.B.Z
- ▶ Output Mode option : A : With pull up resistor, B : Open Collector

#### Resolution (PIR):

- ▶ 10, 20, 25, 30, 40, 50, 60, 90, 100, 120, 180, 200, 300, 360, 400, 500

#### Mechanical Specifications:

- ▶ Starting Torque : 300g-cm or less
- ▶ Shaft Loading : Radial : 4kg, Thrust : 1.5kg
- ▶ Max. r.p.m. : 6000 r.p.m.
- ▶ Net Weight : Hollow 650g, Shaft 950g

#### Environments:

- ▶ Operation temperature : -10  $^{\circ}$ C ~ +70  $^{\circ}$ C
- ▶ Storage temperature : -20  $^{\circ}$ C ~ +80  $^{\circ}$ C
- ▶ Humidity : 85% RH max
- ▶ Shock : 30g 10 ms

### Dimensions

