



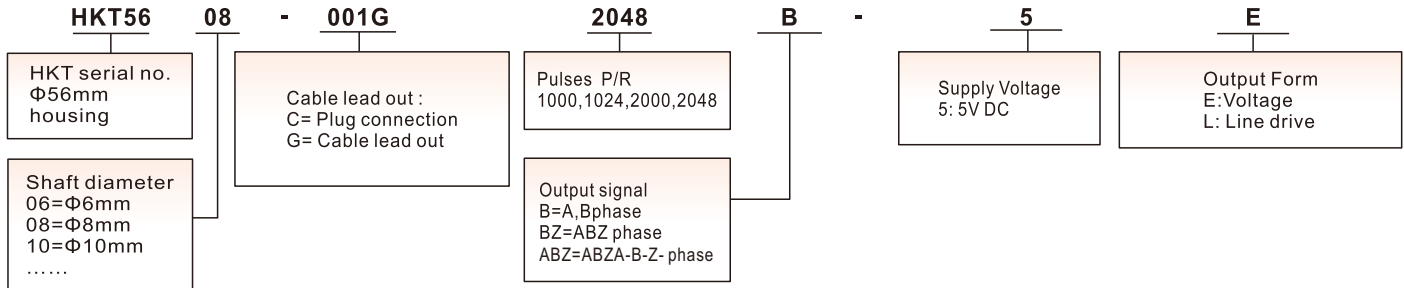
◆ **Application**

- Motorized spindle , DC Motor , Servo motor, printers, plotters, tape drives, positioning tables ,and automatic handles.

◆ **Features**

- 2 Channels quadrature output , quick and easy assembly
- Cost-effective , ideal for small motor system
- Resolutions up to 2048 count per revolution, TTL compatible

◆ **Ordering Information**



◆ **Note:**

1. Please contact sales representative to confirm the correctness and availability of the part number
2. Line Driver is only available with 5V DC option

◆ **Technical Specifications**

Electrical Specification				
Output circuit	Line driver output/ Voltage output			
Power Vcc	5VDC			
Current Consumption	≤65mA			
High-level output	Min Vcc*85%			
Low-level output	Max 0.3V			
Rise Time Tr	Max 200ns			
Fall Time Tr	Max 50ns			
Max Responding Frequency	100kHz			
Mechanical Specification				
Max speed(r/min)	Starting Torque	Max. Shaft Loading	Shocking	Vibration
12000	<0.05Nm	Radial:25N, Axial:15N	50G/11ms	10G 10-2000Hz
Rotor Inertia	Working Temperature	Storage Temperature	Protection Grade	Weight
4*10 <sup>-8</sup> Kgm <sup>2</sup>	-40~85℃	-40~85℃	IP50	100g

◆ **Connection Table**

Line driver output	0V	Vcc	A	Ā	B	B	Z	Z̄
Code	1	2	3	4	5	6	7	8
Color	Black	Red	Green	Brown	Grey	White	Yellow	Orange
Voltage output	0V	Z	A	Vcc	B	-	-	-
Code	1	2	3	4	5	-	-	-
Color	Black	Yellow	Green	Red	White	-	-	-

◆ **Dimensions(mm)**

