IHC38 series

Hollow-Shaft Incremental Rotary Encoder

Application

Features

temperature adaption.

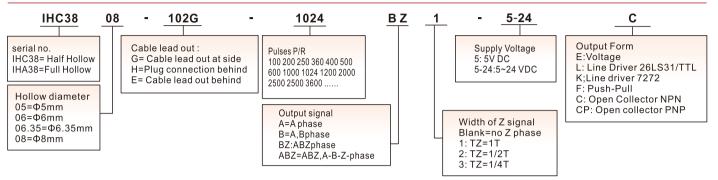


• Automatic control, measurements, robotic X-Y labor and printing machines.

High reliability, long life, strong anti-interference ability and wide range of



Ordering Information



Note:

1. Please contact sales representative to confirm the correctness and availability of the part number

Technical Specifications

Electrical Specification					
Output circuit	Open collector	Voltage output	Push pull output	Line driver output	
Power Vcc	5~30	5~30	5±0.25 5~30	5±0.25 5~30	
Current	≤80mA	≤80mA	≤80mA	≤150mA	
Load current	40mA	40mA	40mA	60mA	
High-level output	Min Vcc*70%	Min Vcc-2.5V	Min Vcc-1.5V	Min 3.4V	
Low-level output	Max 0.4V	Max 0.4V	Max 0.8V	Max 0.4V	
Rise Time Tr	Max 1us	Max 1us	Max 1us	Max 200ns	
Fall Time Tr	Max 1us	Max 1us	Max 1us	Max 200ns	
Max Responding Frequency	300kHz	300kHz	300kHz	300kHz	
Mechanical Specification					
Max speed(r/min)	Starting Torque	Max. Shaft Loading	Shocking	Vibration	
6000	<0.05Nm	Radial:50N, Axial:20N	50G/11-ms	10G 10-2000Hz	
Rotor Inertia	Working Temperature	Storage Temperature	Protection Grade	Weight	
4*10 ⁻⁸ Kgm ²	-30~85 ℃	-35~95℃	IP51	100g	

Connection Table(17pin plug)

Signal	А	В	Z	Ā	Ē	Ż	Vcc	GND
Color	Green	White	Yellow	Brown	Grey	Orange	Red	Black

Dimensions(mm)

