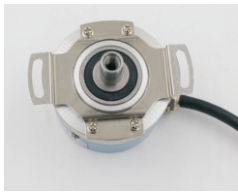
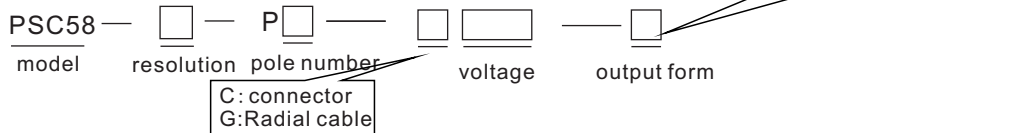


## PKD53 series



- The outer diameter of  $\Phi 53$ , flange diameter  $\Phi 31$ , 1:10 taper shaft.
- Reliable performance, the response frequency is high, adapt the high temperature of, voltage scope is wide.

### Explanation of model



### For example

PKD53-8192-P16-G05L is taper shaft,8192 ppr, 16 poles,5V line driver output.

### Technical data

Supply voltage	DC5V $\pm$ 0.5V	Vibration resistance	50m/s <sup>2</sup> (10~200Hz)
Current consumption	$\leq$ 150mA	Shock resistance	980m/s <sup>2</sup>
Output amplitude	1Vpp $\pm$ 0.2V	Protection	Ip54
Frequency response	100kHz	Operating temperature	-20 $^{\circ}$ C ~ +70 $^{\circ}$ C
Starting torque	10 $\times$ 10 <sup>-3</sup> N $\cdot$ m( $\pm$ 25 $^{\circ}$ C)	Storage temperature	-20 $^{\circ}$ C ~ +80 $^{\circ}$ C
Shaft loading	Radial 20N Axial 10N	Operating humidity	0~85%RH
Rotating inertia	6 $\times$ 10 <sup>-6</sup> Kg $\cdot$ m <sup>2</sup>	Weight (no cable)	0.4kg
Max rotating speed	6000r/min		

### Connection table

Cable color	Red	White	Green	Yellow	Blue	Orange	Brown	Black	White Black	Green Black	Yellow Black	Blue Black	Orange Black	Brown Black
Output form	5V	A	B	Z	$\bar{A}$	$\bar{B}$	$\bar{Z}$	0V	U	V	W	$\bar{U}$	$\bar{V}$	$\bar{W}$

### Dimension(mm)

