

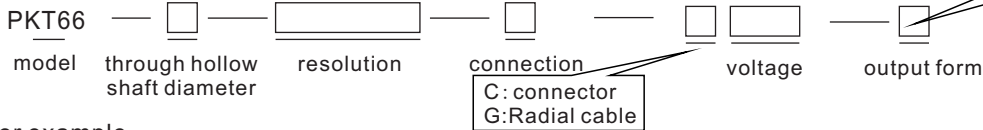
PKT60 series



Shape size $\Phi 66 \times 45$, hollow shaft, elastic mounting plate for connection, inner hexagon screw for fastening .
 Can process hollow shaft $\Phi 10 \sim \Phi 20$ with Z signal, U.V.W signal available, high resolution up to 8192P/R.
 High performance, strong interference resistance.

E: Voltage output
 C: Open collector output
 F: Complementary output(Push pull)
 L: Line driver Output
 T: Line driver (high TTL)

Explanation of model



For example

PKT6020-8192-10P-G05L is outer diameter $\Phi 60$, hollow shaft $\Phi 20$, 8192P/R, pole number 10, side entry cable, supply voltage 5V, line driver output.

Technical data

Resolution	2048, 4096, 8192P/R	Rotating inertia	$6.5 \times 10^{-6} \text{ kg} \cdot \text{m}^2$
Supply voltage	DC5V \pm 5%	Max rotating speed	6000r/min
V _H Output voltage	$\geq 2.5\text{V}$	Vibration resistance	70m/s ² (10~200Hz)
V _L Output voltage	$\leq 0.5\text{V}$	Shock resistance	980m/s ²
Current consumption	$\leq 200\text{mA}$	Protection	Ip54
Output phase	A. B. Z (U.V.W)	Operating temperature	- 10°C ~ +70°C
Frequency response	200kHz Max	Storage temperature	- 20°C ~ +80°C
Rise/fall time	$\leq 0.1 \mu\text{S}$	Operating humidity	30 ~ 85%RH
Starting torque	$9.8 \times 10^{-3} \text{ N} \cdot \text{m}$ (+25°C)	Weight (no cable)	0.5kg
Shaft loading	Radial 40N Axial 20N	Accessories	Elastic mounting plate

Connection table

Cable color	Blue	Blue/black	Green	Green/black	Yellow	Yellow/black	Brown	Brown/black	Grey	Brown/black	White	White/black	Red	Black	Shield
Signal	A	\bar{A}	B	\bar{B}	Z	\bar{Z}	U	\bar{U}	V	\bar{V}	W	\bar{W}	Vcc	0V	FG
Signal	A	\bar{A}	B	\bar{B}	Z	\bar{Z}						Vcc	0V	FG	

Note: UVW signal can be choosed.

Dimension(mm)

