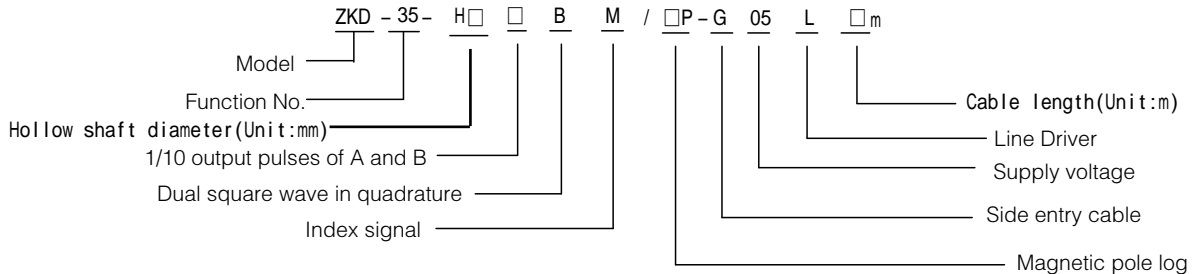


ZKD-35 SERIES

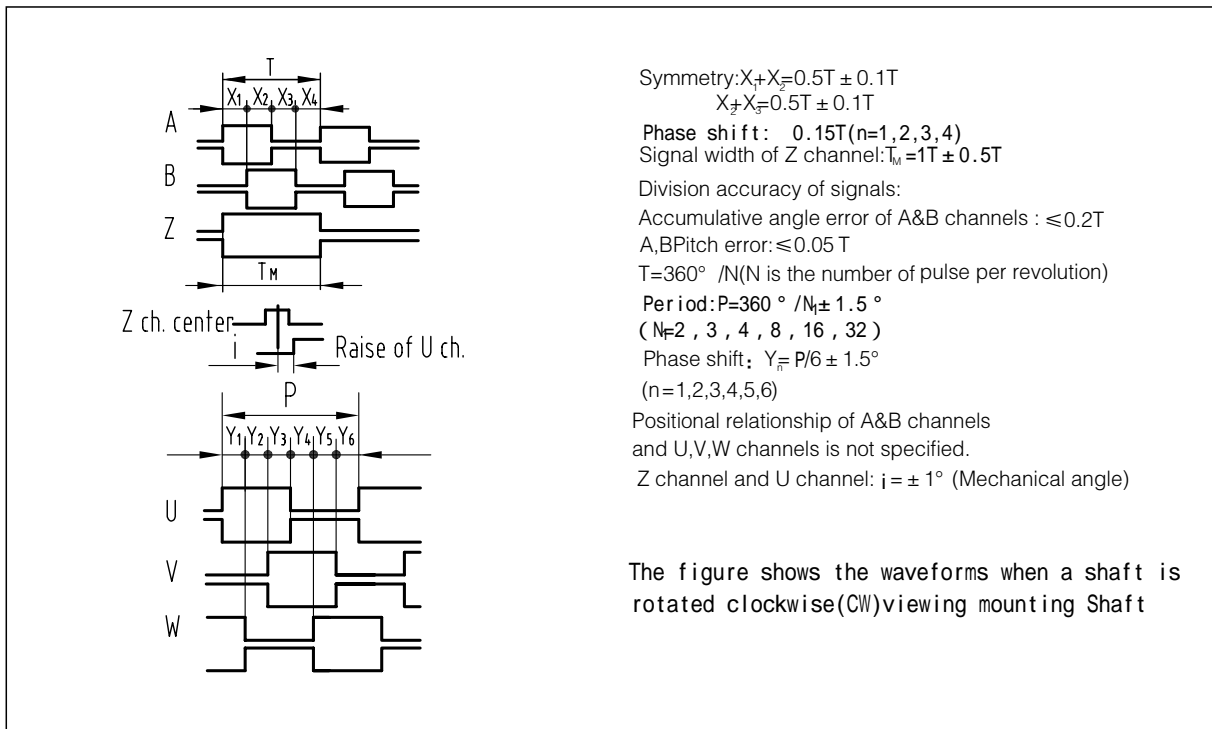
The model for special customer:
ZKD-35-H30-102.4BM/4P-G05L-10m

Explanation of model



Output pulses per revolution: 1024, 2048 P/R
The cycle of U, V, W channels: 2P, 3P, 4P, 8P, 10P, 16P, 32P

Output waveforms and division accuracy



Electrical specifications

Output mode	Supply voltage DC(V)	Current requirement (mA)	Output voltage(V)		Rise /fall time(ns)	Frequency response (kHz)	Insulation impedance (MΩ)DC500V
			V _H	V _L			
L(Line driver)	5 ± 0.25	100	≥2.5	≤0.5	≤100	0~200	≥100

Incremental Hollow-shaft Encoders

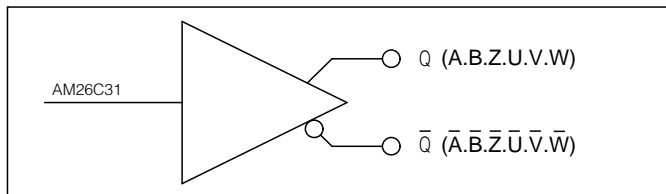
■ Mechanical specifications

Maximal Slew speed (r/min)	Starting torque (N.m)(25°C)	Max. allowable load		Moment of inertia (kgm ²)	Allowable input angle acceleration (rad/s ²)
		Radial (N)	Axial (N)		
5000	5×10^{-2}	40	20	1×10^{-5}	10000

■ Environment specifications

Operating temperature (°C)	Storage temperature (°C)	Humidity	Shock resistance (m/S ²)	Vibration resistance (m/S ²)	Construction	Weight (kg)
-20~+85	-20~+90	RH85% or less	100(2 hours each in x, y, z directions)	980(3times each in x, y, z directions, duration 6ms)	IP 50	< 0.5 (No cable)

■ Output circuit



■ Connection specifications

Signal	5V	A	B	Z	U	V	W	Shield
Color	Red	Green	Grey	Yellow	Brown	Cyan	Orange	Copper net
Signal	OV	Ā	B̄	Z̄	Ū	V̄	W̄	
Color	Black	White/Green	White/Grey	White/Yellow	White/Brown	White/Cyan	White/Orange	

■ External view

