SHAFT TYPE

NEModel



Super Heavy Duty Model

•Durable for Heavy Shaft Loading. •Up to 5000 P/R.

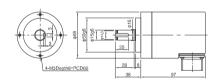
Model NE-Resolution Complying with RoHS __ 00: 5000min⁻¹Spec, IP54, Without additional Connector 002 20P/R 1024 1024P/R — 01 : 5000min⁻¹Spec, IP54, With additional Connector ※ 005 50P/R 1250 1250P/R ─ 04 : 9000min⁻¹Spec, IP54, With additional Connector ※ 006 60P/R 1800P/R 05: 9000min-1Spec, IP54, Without additional Connector 01 100P/R 20 2000P/R - 08: 10000min-1Spec, IP66, Without additional Connector 02 200P/R 2048 2048P/R Up 09: 10000min⁻¹Spec. IP66. With additional Connector ₩ 03 300P/R 2500P/R *with Connector : D/MS3057-12A (DDK or its equivalent) 036 360P/R 36 3600P/R _ 000 : No Flange 05 068 : With 68mm SQ Flange 500P/R 4096 4096P/R 06 600P/R 50 5000P/R _ 0 : No Flange Flange Style

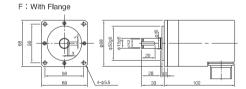
└ Output Mode ─ D : Line Driver Output

External Dimension

1000P/R

10

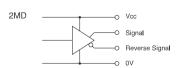




F : With Flange

Signals —— 2M: AB90° Phase Difference + Index Signal

Output Circuit

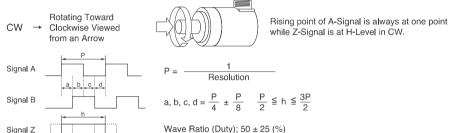


Electrical Spec

TYPE		2MD	
Power Supply(Vcc)		DC4.75~5.25V	
Current Consumption		150 mA Max	
Output Voltage	"H"	2.4 V Min	
	"L" *1	0.5 V Max	
Maximum Sink Current		40 mA	
Rise & Fall Time		200 ns Max	
Maximum Frequency Response		200 kHz	

*1) at Maximum Sink Current

Wave Form



*2MD has reverse signal of Signal A.B.Z.

Electrical Connections

Signal Z

Recentacle DDK MS3102A20-20P

несері	Receptacle DDK WIS3TUZAZU-Z9P			
Pin#	Signal	Pin#	Signal	
Α	Signal A	K	0V	
В	Signal Z	N	Signal A	
С	Signal B	Р	Signal Z	
E	F.G	R	Signal B	
Н	Power Supply(Vcc)			

Mechanical Spec

		() Option	
Starting Torque		9.8x10 ⁻² N • m Max	
Angular Acceleration		2x10 ⁵ rad/s ²	
Shaft Thi	rust	49N	
Loading Ra	dial	98N	
Moment of Inertia		1.7×10 ⁻⁵ kg • m²	
Maximum Permissible Speed		5000min ⁻¹ (9000min ⁻¹ , 10000min ⁻¹)	
Net Weight		1kg Max(Without Flange)	

Environmental Spec

() Option

Operating Temperature	–5°C∼+60°C		
Storage Temperature	-30°C∼+80°C		
Humidity	RH 85% Max No Condensation		
Vibration	10~55 Hz / 1.5mm X, Y, Z Each 2h		
Shock	490m/s²,11ms X, Y, Z Each 3 times		
Ingress Protection	IP54(IP66) Plug in		

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