

Item	Diameter 38mm shaft 6mm type incremental rotary encoder	
Resolution(P/R)	200	
Output Phase	AB Phase	
Output Type	NPN Open Collector	
Electrical	Supply Voltage	5-24VDC
	Current consumption	Max. 40mA
	Response frequency	Max. 20Khz
	Allowable revolution	Max. 2000 rev/min
Mechanical	Starting torque	Max. 20gf.cm (0.002N.m)
	Rotor inertia	Max. 15g.cm <sup>2</sup> (1.5*10 <sup>-6</sup> kg.m <sup>2</sup> )
	Shaft loading	Radial: Max. 2kgf Thrust: Max. 1kgf
	Mechanical Speed	Max. 5000 rev/min(*1)
Environmental	Ambient temperature	-10~70 (at non-freezing status), Storage:-25~85
	Ambient humidity	35~85%RH, Storage: 35~90%RH
	Protection	IP50 (IEC standard)
	Vibration	1.5mm amplitude at frequency of 10-55 Hz in each of X,Y, Z direction for 2 hours.
	Shock	Max. 40G
Unit weight	Approx: 180g	
Cable	1.5m (The cable length can be customized)	

#### ◆ Drawing

