



Model : 42PG-4260BL

Voltage : 12V

Rated Power : 10 W

Model	L	No-load		Rated			Stall	
	mm	Speed rpm	Current mA	Speed rpm	Current A	Torque Kg.cm	Current A	Torque Kg.cm
42PG-4260BL-5	33.5	800	< 350	420	< 2	3	< 4	6
42PG-4260BL-13	43.5	305	< 350	170	< 2	7	< 4	16
42PG-4260BL-25	43.5	160	< 350	88	< 2	13	< 4	30
42PG-4260BL-49	53.5	80	< 350	45	< 2	25	< 4	60
42PG-4260BL-67	53.5	58	< 350	33	< 2	35	< 4	60
42PG-4260BL-92	53.5	43	< 350	24	< 2	50	< 4	60
42PG-4260BL-336	63.5	12	< 350	8	< 2	50	< 4	60
42PG-4260BL-625	63.5	6	< 350	5	< 2	50	< 4	60

Wires connection

Terminations		I/O	Conditions	Remark
GND		IN	Ground	(black wire) Ground
Vcc		IN	DC 24V \pm 10%	(red wire) Power supply
FG	VOH	OUT	Min4V at 5V10K Ω pull up	(yellow wire) this is the open collector output, which can detect the rotation speed using the FG output according to the phase shift
	VOL		Min0V Max0.6V	
	FG current		Max 5mA	
	FG pulse quantity		12 pulse /round	
PWM	Input voltage	IN	0~5V	(blue wire)
	VIH		Min 2.0V	Motor running
	VIL		Max0.6V	Motor stop
	PWM frequency		Max 50kHz	Advise 15~25kHz
CW/ CCW	Input voltage	IN	0~5V	(white wire)
	VIH		Min 2.0V	CCW
	VIL		Max 0.6V	CW