



Model : 42PG-4260BL

Voltage : 24V

Rated Power : 50 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	1520	< 500	840	< 2.8	6	< 4	12
42PG-4260BL-13	43.5	570	< 500	340	< 2.8	14	< 4	30
42PG-4260BL-25	43.5	300	< 500	175	< 2.8	25	< 4	60
42PG-4260BL-49	53.5	160	< 500	90	< 2.8	50	< 4	60
42PG-4260BL-67	53.5	116	< 500	65	< 2.8	50	< 4	60
42PG-4260BL-92	53.5	84	< 500	48	< 2.8	50	< 4	60
42PG-4260BL-336	63.5	23	< 500	16	< 2.8	50	< 4	60
42PG-4260BL-625	63.5	12	< 500	11	< 2.8	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