



Wires connection :

Red : 12V / 24V +

Black : GND

Yellow : FG signal output
9 PPR

White : CW / CCW adjusting

Blue : PWM speed adjusting

28PG-2838BL DC brushless planetary gear motors, 24V , 15W power

Model	Gear ratio	Gearbox Length (L) mm	No-load		Rated			Stall	
			Current A	Speed RPM	Speed RPM	Torque Kg.cm	Current A	Torque Kg.cm	Current A
28PG-2838BL-4	4	23	0.25	3000	2700	0.3	0.65	0.8	1
28PG-2838BL-16	16	28.5	0.25	750	600	1	0.65	3	1
28PG-2838BL-25	25	28.5	0.25	480	432	2	0.65	5	1
28PG-2838BL-64	64	34.4	0.25	187	168	4.5	0.65	12	1
28PG-2838BL-88	88	34.4	0.25	136	122	6.5	0.65	17	1
28PG-2838BL-138	138	34.4	0.25	86	78	10	0.65	26	1
28PG-2838BL-400	400	40	0.25	30	27	30	0.65	80	1

28PG-2838BL DC brushless planetary gear motors, 12V , 3.6W power

Model	Gear ratio	Gearbox Length (L) mm	No-load		Rated			Stall	
			Current A	Speed RPM	Speed RPM	Torque Kg.cm	Current A	Torque Kg.cm	Current A
28PG-2838BL-4	4	23	0.13	1500	1350	0.15	0.33	0.4	0.5
28PG-2838BL-16	16	28.5	0.13	375	300	0.5	0.33	1.5	0.5
28PG-2838BL-25	25	28.5	0.13	240	216	1	0.33	2.5	0.5
28PG-2838BL-64	64	34.4	0.13	94	84	2.25	0.33	6	0.5
28PG-2838BL-88	88	34.4	0.13	68	61	3.25	0.33	8.5	0.5
28PG-2838BL-138	138	34.4	0.13	43	39	5	0.33	13	0.5
28PG-2838BL-400	400	40	0.13	15	13	15	0.33	40	0.5