

C037CLS

Control System	Pulse width modulation control		
Refresh Rate	333Hz		
Neutral Position	1520μS		
Signal Mode	Digital		
Dead band	5 μSec		
Operating Voltage	3.6V ~ 6.0V		
Operating Temperature	-10C° ~ +50C°		
Bearing	--		
Mechanical Angle	180°		
Size	20.0*8.5*17.3mm		
Net Weight	2.2g		
Wire	JST(JR) 150mm / 31AWG		
Operating Travel	120°±10°		
Signal Range	900 to 2100 μSec		
Stall Torque	450 g-cm (6.2 oz-in) @ 4.2V 550 g-cm (7.6 oz-in) @ 5.0V	Unload Current	40mA @ 4.2V 80mA @ 5.0V
Operating Speed	0.080sec/ 60° @ 4.2V 0.060sec/60° @ 5.0V	Loading Current	450mA @ 4.2V 600mA @ 5.0V
Direction	☒ CCW ☐ CW		
Waterproof Level	☐ IP65 ☐ IP67		
Angle Sensor	☒ Potentiometer ☐ Magnet Angle Sensor		
Motor Type	☐ Brushless ☒ Coreless ☐ DC		
Motor Drive	☐ FET Drive ☒ IC Drive ☐ Transistor Drive		
Programmable	☐ Yes ☒ No		
Gear Material	☐ Strength Steel ☐ Titanium ☐ Copper ☒ Plastic		
Horn Gear Spline	☐ 25T-φ5.92mm ☐ 25T-φ4.94mm ☒ Other 20T-φ3.85mm		
Case Material	☐ AL6061T6 ☐ Aluminum + Plastic ☒ Plastic		
Bearing Material	☐ Metal ☐ Plastic		
Horn Accessories	☐ AL6061T6 ☒ Plastic		
Wire Color	Negative: ☐ Black ☒ Brown Positive: ☐ Black ☒ Red Signal: ☐ Grey ☐ White ☒ Orange		