

C05CLS

Control System	Pulse width modulation control		
Refresh Rate	333Hz		
Neutral Position	1520μS		
Signal Mode	Digital		
Dead band	5 μSec		
Operating Voltage	3.6V ~ 6.5V		
Operating Temperature	-10C° ~ +50C°		
Bearing	--		
Mechanical Angle	200°		
Size	21.3*11.5*17.6m		
Net Weight	6.2g		
Wire	JR 150mm / 28AWG		
Operating Travel	120°±10°		
Signal Range	900 to 2100 μSec		
Stall Torque	0.9 kg-cm (12.5 oz-in) @ 4.8V 1.0 kg-cm (13.9 oz-in) @ 6.0V	Unload Current	100mA @ 4.8V 130mA @ 6.0V
Operating Speed	0.085sec/ 60° @ 4.8V 0.075sec/60° @ 6.0V	Loading Current	750mA @ 4.8V 850mA @ 6.0V
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 24T-φ3.92mm		
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		