



PRODUCT SPECIFICATION

A75BUMW

Control System	Pulse width modulation control		
Refresh Rate	333Hz		
Neutral Position	1520 μ S		
Signal Mode	Digital		
Dead band	2 μ Sec		
Operating Voltage	7.4V ~ 17.0V		
Operating Temperature	-15C° ~ +70C°		
Bearing	2BB		
Mechanical Angle	No Limit		
Size	40*20*41.5mm		
Net Weight	88.5g		
Wire	TYU+JST 300mm / 22AWG		
Operating Travel	180° \pm 10°		
Signal Range	500 to 2500 μ Sec		
Stall Torque	48.0 kg-cm (667 oz-in) @ 12.0V 54.0 kg-cm (750 oz-in) @ 14.4V 60.0 kg-cm (834 oz-in) @ 16.0V 62.0 kg-cm (861 oz-in) @ 16.8V	Unload Current 480 mA @ 12.0V 530 mA @ 14.4V 600 mA @ 16.0V 630 mA @ 16.8V	
Operating Speed	0.125 sec/60° @ 12.0V 0.105 sec/60° @ 14.4V 0.098 sec/60° @ 16.0V 0.092 sec/60° @ 16.8V	Loading Current 4900 mA @ 12.0V 5500 mA @ 14.4V 5800 mA @ 16.0V 6000 mA @ 16.8V	
Direction	<input checked="" type="checkbox"/> CCW <input type="checkbox"/> CW		
Waterproof Level	<input type="checkbox"/> IP65 <input checked="" type="checkbox"/> IP67		
Angle Sensor	<input type="checkbox"/> Potentiometer <input checked="" type="checkbox"/> Magnet Angle Sensor		
Motor Type	<input checked="" type="checkbox"/> Brushless <input type="checkbox"/> Coreless <input type="checkbox"/> DC		
Motor Drive	<input checked="" type="checkbox"/> FET Drive <input type="checkbox"/> IC Drive <input type="checkbox"/> Transistor Drive		
Programmable	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		
Gear Material	<input checked="" type="checkbox"/> Strength Steel <input type="checkbox"/> Titanium <input type="checkbox"/> Copper <input type="checkbox"/> Plastic		
Horn Gear Spline	<input checked="" type="checkbox"/> 25T- ϕ 5.92mm <input type="checkbox"/> 25T- ϕ 4.94mm <input type="checkbox"/> Other_____		
Case Material	<input type="checkbox"/> AL6061T6 <input checked="" type="checkbox"/> Aluminum + Plastic <input type="checkbox"/> Plastic		
Bearing Material	<input checked="" type="checkbox"/> Metal <input type="checkbox"/> Plastic		
Horn Accessories	<input type="checkbox"/> AL6061T6 <input checked="" type="checkbox"/> Plastic		
Wire Color	Battery Negative: <input checked="" type="checkbox"/> Black <input type="checkbox"/> Brown Battery Positive: <input type="checkbox"/> Black <input checked="" type="checkbox"/> Red Signal: <input type="checkbox"/> Grey <input checked="" type="checkbox"/> White <input type="checkbox"/> Orange Signal Negative: <input checked="" type="checkbox"/> Black <input type="checkbox"/> White <input type="checkbox"/> Orange		

UNIT:MM