



PRODUCT SPECIFICATION

SA81FHMW

Control System	Pulse width modulation control		
Refresh Rate	333Hz		
Neutral Position	1520 μ S		
Signal Mode	Digital		
Dead band	2 μ Sec		
Operating Voltage	4.8V ~ 8.4V		
Operating Temperature	-15C° ~ +70C°		
Bearing	Four Ball Bearings		
Mechanical Angle	No Limit		
Size	40*20*38mm		
Net Weight	85g		
Wire	TYU 300mm / 22AWG		
Operating Travel	180° \pm 10°		
Signal Range	500 to 2500 μ Sec		
Stall Torque	45 kg-cm (625 oz-in) @ 4.8V 55 kg-cm (764 oz-in) @ 6.0V 65 kg-cm (903 oz-in) @ 7.4V 74 kg-cm (1028 oz-in) @ 8.4V	Unload Current	460mA @ 4.8V 500mA @ 6.0V 540mA @ 7.4V 580mA @ 8.4V
Operating Speed	0.190sec/60° @ 4.8V 0.165sec/60° @ 6.0V 0.135sec/60° @ 7.4V 0.125sec/60° @ 8.4V	Loading Current	5000mA @ 4.8V 5800mA @ 6.0V 6800mA @ 7.4V 7400mA @ 8.4V
Direction	<input checked="" type="checkbox"/> CCW <input type="checkbox"/> CW		
Waterproof Level	<input type="checkbox"/> IP65 <input checked="" type="checkbox"/> IP67		
Servo Mode	<input checked="" type="checkbox"/> Regular Mode <input checked="" type="checkbox"/> Winch Mode <input type="checkbox"/> Multiple-Rotation Mode		
Angle Sensor	<input type="checkbox"/> Potentiometer <input checked="" type="checkbox"/> Magnet Angle Sensor		
Motor Type	<input checked="" type="checkbox"/> 4-Pole 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 checked="" type="checkbox"/> AL6061T6 <input type="checkbox"/> Aluminum + Plastic <input type="checkbox"/> Plastic		
Bearing Material	<input checked="" type="checkbox"/> Metal <input type="checkbox"/> Plastic		
Horn Accessories	<input checked="" type="checkbox"/> AL6061T6 <input type="checkbox"/> Plastic		
Wire Color	Negative: <input checked="" type="checkbox"/> Black <input type="checkbox"/> Brown Positive: <input checked="" type="checkbox"/> Black <input type="checkbox"/> Red Signal: <input checked="" type="checkbox"/> Grey <input type="checkbox"/> White <input type="checkbox"/> Orange		