



PRODUCT SPECIFICATION

A11CLS V3 (Purple)

Control System	Pulse width modulation control		
Refresh Rate	333Hz		
Neutral Position	1520µS		
Signal Mode	Digital		
Dead band	3 µSec		
Operating Voltage	4.8V ~ 6.0V		
Operating Temperature	-15C°~ +70C°		
Bearing	Double Ball Bearing		
Mechanical Angle	No Limit		
Size	20*11.3*21mm		
Net Weight	11g		
Wire	JR / JST1.5 80mm / 30AWG		
Operating Travel	180°±10°		
Signal Range	500 to 2500 µSec		
Stall Torque	1.2 kg-cm (17 oz-in) @ 4.8V 1.4 kg-cm (19 oz-in) @ 6.0V	Unload Current	220mA @ 4.8V 260mA @ 6.0V
Operating Speed	0.065sec/ 60° @ 4.8V 0.050sec/60° @ 6.0V	Loading Current	900mA @ 4.8V 1000mA @ 6.0V
Direction	<input checked="" type="checkbox"/> CCW <input type="checkbox"/> CW		
Waterproof Level	<input type="checkbox"/> IP65 <input type="checkbox"/> IP67		
Angle Sensor	<input checked="" type="checkbox"/> Potentiometer <input type="checkbox"/> Magnet Angle Sensor		
Motor Type	<input type="checkbox"/> Brushless <input checked="" 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 type="checkbox"/> Strength Steel <input checked="" type="checkbox"/> Titanium <input type="checkbox"/> Copper <input type="checkbox"/> Plastic		
Horn Gear Spline	<input type="checkbox"/> 25T-φ5.92mm <input checked="" type="checkbox"/> 25T-φ4.94mm <input type="checkbox"/> Other <u>15T-φ4.00mm</u>		
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 type="checkbox"/> AL6061T6 <input checked="" type="checkbox"/> Plastic		
Wire Color	Negative: <input checked="" type="checkbox"/> Black <input type="checkbox"/> Brown Positive: <input type="checkbox"/> Black <input checked="" type="checkbox"/> Red Signal: <input type="checkbox"/> Grey <input checked="" type="checkbox"/> White <input type="checkbox"/> Orange		

UNIT:MM