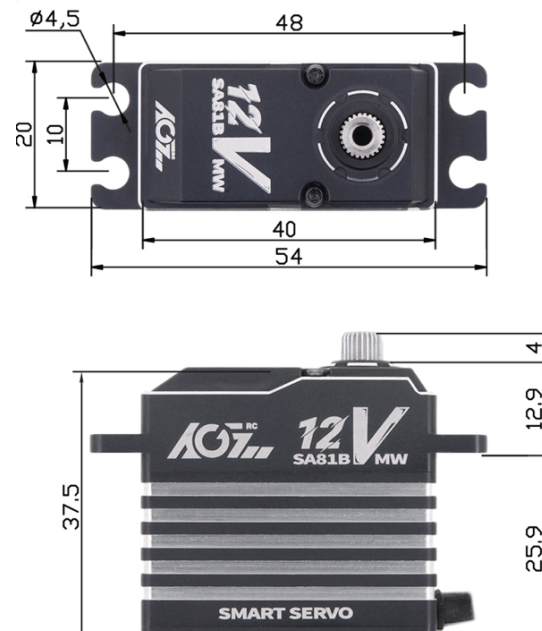


SA81BVMW

Control System	PWM	 UNIT: MM	
Refresh Rate	333 Hz		
Neutral Position	1520 μSec		
Signal Mode	Digital		
Dead band	2 μSec		
Operating Voltage	10V ~ 14V		
Operating Temp.	-15°C ~ +70°C		
Bearing	3BB		
Mechanical Angle	No Limit		
Dimension	40 x 20 x 37.5 mm		
Net Weight	81 g		
Connector / Cable	TYU 300mm / 22AWG		
Operating Travel	180° ± 10°		
Signal Range	500 to 2500 μSec		
Stall Torque	36.0 kg-cm (500 oz-in) @ 11.1V 42.0 kg-cm (583 oz-in) @ 12.0V 44.0 kg-cm (611 oz-in) @ 12.6V 48.0 kg-cm (667 oz-in) @ 14.0V	Unload Current	280 mA @ 11.1V 320 mA @ 12.0V 340 mA @ 12.6V 380 mA @ 14.0V
Operating Speed	0.120 sec/60° @ 11.1V 0.110 sec/60° @ 12.0V 0.104 sec/60° @ 12.6V 0.095 sec/60° @ 14.0V	Loading Current	2700 mA @ 11.1V 3000 mA @ 12.0V 3200 mA @ 12.6V 3600 mA @ 14.0V
Direction	CCW	Motor Type	Brushless
Waterproof Level	IP67	Angle Sensor	Magnetic Angle
Programmable	Yes	Motor Drive	FET Drive
Gear Material	Strength Steel	Horn Gear Spline	25T-Ø5.92mm
Case Material	Aluminum	Bearing Material	Metal
Wire Color (- + S)	Negative: Black Positive: Red Signal Negative: Black Signal: White		
Default Accessories	① 1 pc x 25T-Ø5.92mm L=45mm Plastic Horn ② 1 pc x 25T-Ø5.92mm L=40.3mm Plastic Horn ③ 1 pc x 25T-Ø5.92mm L=27.5mm Plastic Horn ④ 2 pcs x M2*8mm Screws ⑤ 1 pc x M3*8mm Screw ⑥ 4 pcs x M3*12mm Screws ⑦ 4 pcs x 9*6.9*5.6mm Rubber Pads ⑧ 4 pcs x Ø6*Ø3.5*5mm Copper Sleeves		

Remark: If you have any questions about the SA81BVMW servo, please contact shopping@agfrc.com directly.