PRODUCT SPECIFICATION

A19DLM

Control System	PWM
Refresh Rate	333 Hz
Neutral Position	1520 µSec
Signal Mode	Digital
Dead band	3 µSec
Operating Voltage	4.8V ~ 8.4V
Operating Temp.	-15°C ~ +70°C
Bearing	2BB
Mechanical Angle	No Limit
Dimension	22.9 x 12.8 x 22mm
Net Weight	19 g
Connector / Cable	TYU 350 mm / 26AWG
Operating Travel	180° ± 10°
Signal Range	500 to 2500 µSec



Operating Speed	**Stall Torque**	**Unload Current**	**Loading Current**
0.130 sec/60° @ 4.8V	2.2 kg-cm (30 oz-in) @ 4.8V	180mA @ 4.8V	800mA @ 4.8V
0.110 sec/60° @ 6.0V	3.0 kg-cm (41 oz-in) @ 6.0V	200mA @ 6.0V	900mA @ 6.0V
0.095 sec/60° @ 7.4V	3.5 kg-cm (48 oz-in) @ 7.4V	240mA @ 7.4V	1000mA @ 7.4V
0.088 sec/60° @ 8.4V	4.0 kg-cm (55 oz-in) @ 8.4V	280mA @ 8.4V	1200mA @ 8.4V
Direction	CCW	**Motor Type**	DC
Waterproof Level	IP67	**Angle Sensor**	Magnetic Angle
Programmable	Yes	**Motor Drive**	IC Drive
Gear Material	Titanium	**Horn Gear Spline**	25T-Ø5.92mm
Case Material	Aluminum	**Bearing Material**	Metal
Wire Color (- + S)	Negative: Black	Positive: Black	Signal: White

Default Accessories	① 2 pcs x 25T-Ø5.92mm L=22.35mm Plastic Horn ② 2 pcs x M3*12mm Screws ③ 1 pc x M3*6mm Screw

Remark: If you have any questions about the A19DLM servo, please contact shopping@agfrc.com directly.