PRODUCT SPECIFICATION

B05CLS

Control System	PWM
Refresh Rate	333 Hz
Neutral Position	1520 µSec
Signal Mode	Digital
Dead band	5 µSec
Operating Voltage	3.6V ~ 6.5V
Operating Temp.	-10°C ~ +50°C
Bearing	--
Mechanical Angle	220°
Dimension	21.3 x 11.5 x 17.6 mm
Net Weight	8.0 g
Connector / Cable	JR 150mm / 28AWG
Operating Travel	120° ± 10°
Signal Range	900 to 2100 µSec



Operating Speed	**Stall Torque**	**Unload Current**	**Loading Current**
0.085 sec/60°@ 4.8V 0.075 sec/60° @ 6.0V	0.9 kg-cm (12.5 oz-in) @ 4.8V 1.0 kg-cm (13.9 oz-in) @ 6.0V	100mA @ 4.8V 130mA @ 6.0V	750mA @ 4.8V 850mA @ 6.0V

Direction	CCW	**Motor Type**	Coreless
Waterproof Level	/	**Angle Sensor**	Potentiometer
Programmable	No	**Motor Drive**	IC Drive
Gear Material	Copper	**Horn Gear Spline**	20T-Ø3.92mm
Case Material	Plastic	**Bearing Material**	/
Wire Color (- + S)	Negative: Brown	Positive: Red	Signal: Orange

Default Accessories

① 3 pcs x 20T-Ø3.92mm Plastic Horns
② 1 pc x Mounting Screw
③ 1 pc x Horn Screw



Remark: If you have any questions about the B05CLS servo, please contact shopping@agfrc.com directly.