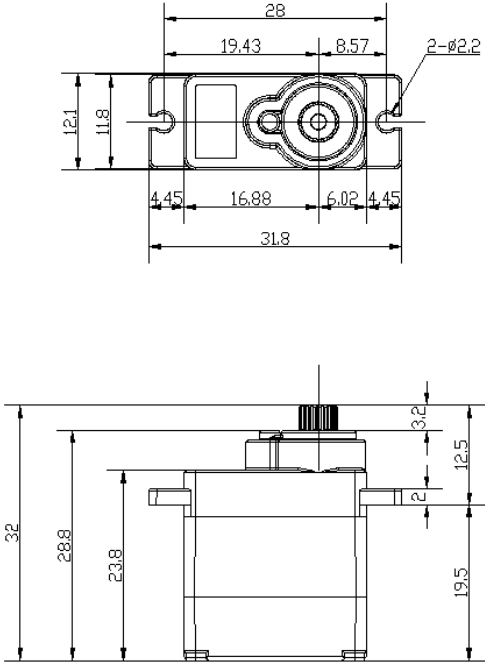




PRODUCT SPECIFICATION

RS28DMM

Control System	Pulse width modulation control		
Refresh Rate	333Hz		
Neutral Position	1520uS		
Signal Mode	Digital		
Dead band	4 uSec		
Operating Voltage	4.8V ~ 6.0V		
Operating Temperature	-15C°~ +70C°		
Bearing	Single Bearing		
Mechanical Angle	200°		
Size	23*12.1*23.8mm		
Net Weight	14.6g		
Wire	JR 180mm / 26AWG		
Operating Travel	180°±10°		
Signal Range	500 to 2500 uSec		
Stall Torque	2.2 kg-cm (30 oz-in) @ 4.8V 2.8 kg-cm (39oz-in) @ 6.0V	Unload Current	200mA @ 4.8V 250mA @ 6.0V
Operating Speed	0.12sec/ 60° @ 4.8V 0.10sec/ 60° @ 6.0V	Loading Current	1000mA @ 4.8V 1200mA @ 6.0V
Direction	☒ CCW ☐ CW		
Waterproof Level	☐ IP65 ☐ IP67		
Angle Sensor	☒ Potentiometer ☐ Magnet Angle Sensor		
Motor Type	☐ Brushless ☐ Coreless ☒ DC		
Motor Drive	☐ FET Drive ☒ IC Drive ☐ Transistor Drive		
Programmable	☐ Yes ☒ No		
Gear Material	☒ Strength Steel ☐ Titanium ☒ Copper ☐ Plastic		
Horn Gear Spline	☐ 25T-φ5.92mm ☐ 25T-φ4.94mm ☒ Other <u>21T-φ4.9</u>		
Case Material	☐ AL6061T6 ☐ AL+Plastic ☒ Plastic		
Bearing Material	☒ Metal ☐ Plastic		
Horn Accessories	☐ AL6061T6 ☒ Plastic		
Wire Color	Negative: ☐ Black ☒ Brown Positive: ☐ Black ☒ Red Signal: ☐ Grey ☐ White ☒ Orange		