

Brushless DC motor

Item specifics

Certification:ROHS,CE,CCC
Commutation:Brushless
Speed(RPM):12v-3000/24V-6000r/min -No load
Construction:Permanent Magnet
Type:Micro Motor
Efficiency:IE 2
Protect Feature:Totally Enclosed
Output Power:standard
Torque:standard
Continuous Current(A):standard
Voltage(V):6-24V

Feature

Voltage range: 6-24V
12V3000rpm, 24V6000rpm
Shaft: 5mm; Shaft diameter: 3mm
Low noise, Without plug, Forward and backward controlled, Long lifespan, Continuous working time above 30,000hrs.

Wiring

[Red] for positive power supply, positive and negative can not be wrong;
[Black] power supply is negative, positive and negative can not be wrong;
[White line] Reversing control line, When disconnected, a steering motor,
Together with the black line then negative, motor commutation;
[Blue Line] PWM speed Cords, 0 ~ 5V PWM converter
[Yellow Line] FG signal line

Specifications

1.Standard Operating Conditions

- 1-1 Rated Voltage:12v24v.
- 1-2 Direction of Rotation:CW when viewed from output shaft side
- 1-3Operating Temperature and Humidity:Temperature range of -10C~+50C, Humidity range of 30%~80%.
- 1-4Storage Temperature:Temperature range of -20C~+60C

2.Measuring Conditions:

- 2-1Motor Position:To be place t horizontally when measuring
- 2-2Power Supply: Regulated DC power supply
- No load speed:3000rpm,6000rpm.
- Shaft length:5mm.
- shaft diameter:3mm.
- Robotics, Small Appliance, Fanner, Electric Curtain;
- Medical Pump, Surgery Tools, Medical Stirrer, centrifugal Machine; Electric Valve, Actuator, medical device
- Electric motor,low noise,low current and no spark.

DIRECTION OF ROTATION

