Makeblock

36mm Encoder DC Motor Pack

SKU: 95053 Weight: 1209.60 Gram

What Is 36mm Encoder DC Motor Pack?

36mm Encoder DC Motor Pack includes two encoder motors, one encoder motor driver and various brackets and cables. It is designed to drive all kinds of transmission devices with precise control over the speed and movement.

Features of the Encoder Motors

? Control the speed and the movement of the motor precisely;

? Comes with overload protection;

? Can be connected with encoder motor driver easily by using the 6P encoder motor cable.

Features of the Encoder Motor Driver

? Comes with over-current protection and anti-reverse measurement;

? Support dual-way motors;

? Can be connected with mainboard through RJ25 cable;

? Comes with pin interface, which supports connecting with Arduino boards.

How to Use This Pack?

Two encoder motors can be connected with the driver in this pack by using the 6P motor cable. You can control the diver through programming on the computer or connect it with Makeblock Orion mainboard via RJ25 cable.

Specifications of the Encoder Motors	
Rated Voltage	12V
No Load Current (A)	≤0.650
NO Load Speed (RPM)	223±10%
Rated Load Torque (kgf.cm)	7
Rated Current (A)	≤2.500
Rated Load Speed (RPM)	178±10%
Rotation Direction	CCW

Specifications of the Encoder Motor Driver

Motor Driving Voltage	DC6-12V
Driving Current	8A
Mainboard Voltage	DC5V
Motors	2 (Capable of driving 2 encoder motors at the same time)
Chip	Atmega328P
Dimension (L*W)	100mm x 42mm

Product Information

SKU	95053
Product Name	36mm Encoder DC Motor Pack
Total Weight	1209.6 g
Package Content (Quantity x Part Name)	2 x 36mm Encoder DC Motor 1 x Me High-Power Encoder Motor Driver 2 x 36mm motor bracket C 2 x 2.54mm 6P Encoder Motor Cable – 300mm 1 x 6P6C RJ25 cable- 20cm 1 x High-Current Y-Type Converter Cable 2 x Shaft Clamping Hub 8mm-C 2 x M4*4*10-Key 10 x Countersunk Screw M3x8 4 x Screw M4 x 14(Hexagon socket button head screws) 2 x Screw M4 x 14(Hexagon socket cap screws)

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