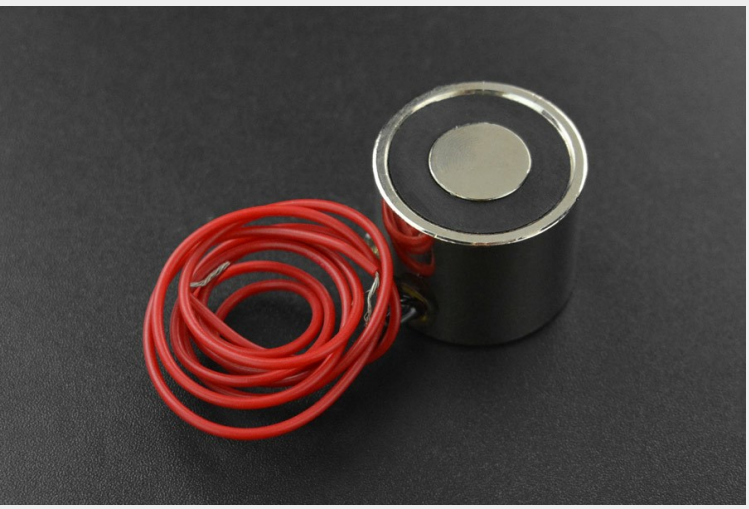

5V Electromagnet (8 Kg Holding Force)

SKU:DFR0795 Brand:Other Reward Points: 60

Quantity Based

QTY	DISCOUNT
3-4	
5-9	
10+	

* Model: 3Kg Holding Force | 8Kg Holding Force | 15Kg (Height 22mm) | 15Kg (Height 25mm) | 20Kg Holding Force | 25Kg Holding Force | 30Kg Holding Force | 35Kg Holding Force

Quantity: - +

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Frequently Bought Together

5V Electromagnet (8 Kg Holding Force) + Gravit... Relay Module + Gr... Humidity Sensor + Gravity: An... Arduino + ... Buzzer For Arduino =

You have choosen:0
Total amount:

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INTRODUCTION

This is a DC sucker type electromagnet with 8kg holding force and 1.5W power. It should be operated at 5V. The magnetic poles of the electromagnet can be changed by swapping the negative and positive poles of the input power. With a pretty small body, this electromagnet can be applied to DIY electromagnetic lock, smart storage cabinet, and intelligent door, etc.

Electromagnetic usually consists of a coil of wire wrapped around an iron core. When currents pass through the wire coil, a magnetic field, which makes the iron core magnetised, like a permanent magnet. The iron core material should be made of pure iron or silicon steel which is easy to be magnetized and demagnetized. In this way, it will be magnetic when powered on and lose magnetism quickly after power-down.

Note:

1. electromagnets are specified with "holding force", say 8Kg. This is not how much weight they can pick up! Divide the holding force by 5-10 to get a rough estimate of how heavy a thing it can pick up. So in this case, about 1.6 Kg max. Note that pick-up weight also depends on a flat surface and max surface contact, and the ferromagnetic metal content. A perfectly flat steel cube will work great, something oddly shaped or covered in rubber or plastic will not!

2. The electromagnetic can withstand long-term electrify when attracted onto the surface of an object, but it should not be electrified for a long time when there is nothing to attract.

Dimension

SPECIFICATION

- Rated Voltage: DC 5V
- Rated Power: 1.5W
- Holding Force: 8Kg
- Wire Length: 28cm

SHIPPING LIST

- 5V Electromagnet (8Kg Holding Force) x1
- Mounting Screw x1

REVIEW

FAQ