

## Ec10 Series 10mm Mini Rotary Encoder With Contact Brush Type Operating System

**Basic Information** 

for more products please visit us on ttencoder.com



EC10A01R01

Taowaves

TAOWAVES China

Rotary Encoder

Contact Brush Type

10mm Rotary Encoder,

Available | Customized Request

Voltage Output

Empty Type

Incremental

Contact

10mm

Standard Packaging

- Model NO.:
- Installation Form:
- Brand:
- Transport Package:
- Specification:
- Trademark:
- Origin:
- Type:
- Working Principle:
- Readout Mode:
- Operating System:
- Signal Output:
- Axle Sleeve Type:
- Customization:
- Highlight:







More Images



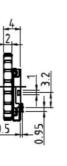
### **Product Description**

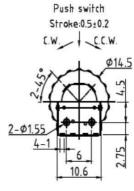
#### EC10 Series 10mm Rotary Encoder Mini Encoder

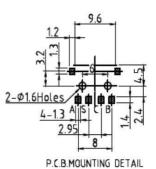




Incremental Encoder Size: 10mm Switch Travel: 0.5mm Pulses: 15P Number of detent: 0/15 Rotational life: 50,000cycles







#### 1.Electrical Characteristics

| Rated voltage:    | DC 5V           |
|-------------------|-----------------|
| Resolution:       | 15pulses/360°   |
| Phase Difference: | T1,T2,T3,T4≥5ms |

#### 2.Mechanical Characteristics

| Total ratational angle:     | 360°(Endless)  |
|-----------------------------|--|
| Detent torque:              | 1~40mN.m.  |
| Push-Pull Strength of shaft | $30N(3.06\ \text{kgf})$ in direction A , $5N(510\text{gf})$ in direction B |
| Operation fore of switch:   | 2~6N   |
| Travel of switch:           | 0.5±0.2mm  |

#### 3.Endurance Characteristics

| Rotational life:             | 50,000 cycles |
|------------------------------|---------------|
| Push-life:                   | 50,000 cycles |
| Operating temperature range: | -20ºC to+60ºC |
| Storage temperature range:   | -30ºC to+70ºC |

#### **Our Factory**

EC06 Series Product Specifications

#### **Company Introduction**

Dongguan City Taotao Electronics Co., Ltd, was established in May 2014 and is now located at Weichang Road, Chashan Town, Dongguan City. It has14,000 square meters of standard factory buildings and dormitories, whichhas beautiful environment and convenient transportation. We are a nationalhigh-tech enterprise which professional in designing, manufacturing andselling encoders, potentiometers, switches, sensors, and encoder smart modulesThe components are extensively utilized for white household electricalappliances, small home appliances, smart home appliances, car audio.bluetooth audio,multimedia audio,instrumentation, medical equipmentelectronic cigarettes, computer peripheral communication equipment.aviation model aircraft and other fields.

Taotao has engaged excellent technical R & D personnel in the industryand management personnel with abundant experiences since establishment. They have been developing new products and conducting improvement and upgrading to meet clients' requirements. For guaranteeing the products quality they continuously enhances the percentage of self-production for the key parts. like 100% self-producing for plastic parts and lathing shafts, and invest for developing automatic producing machines and testing instruments.









ENVIRONMENTAL LABORATORY 环境实验室





GENERAL OFFICE 综合办公室



ASSEMBLY WORKSHOP 组装车间

RECEPTION

前台



AUTOMATIC INSPECTION WORKSHOP 自动检测车间



INJECTION MOLDING WORKSHOP 注塑车间



AUTOMATIC WORKSHOP 自动化车间











# COMPLETE PRODUCT SPECIFICATIONS SUPPORT CUSTOMIZATION



#### FQA:

1. What are the advantages of your factory?

Our factory has mold manufacturing workshop, plastic injection molding workshop and lathe center. 80% of the raw materials are supplied by ourselves to ensure that the quality and delivery speed are higher than those of our peers.

<u>2.Do you support customization?</u> Yes, customization is supported, we need you to provide drawings, usage and requirements.

<u>3.What is your shipping port and the term of payment ?</u>
Ex-work or FOB Shenzhen.
30% paid in advance, 70% balance before shipment by T/T.(First transaction requires 100% payment in advance.)

<u>4.How long is your lead time?</u> It will take 3workdays for samples,7-15workdays for mass production.

5.Can I get samples from you? Small amount of samples can be provided for free, but customers need to pay for air freight themselves.

<u>6.What's your MOQ ?</u> Our MOQ is 2K. If it is a small batch order, the price needs to be increased appropriately.

