

## 50mm Incremental Rotary Encoder For Small Appliance Control EC50A00V01

#### Basic Information



#### **Product Specification**

Model NO.: EC50A00V01

· Package:

• Installation Form:

• Brand: Taowaves

Axonia:

Customized: **Support Customization** 

• Transport Package: Carton 50mm Specification: **TAOWAVES** • Trademark:

China

• Origin:

Type: Rotary Encoder • Working Principle: Incremental • Readout Mode: Contact

• Operating System: Contact Brush Type Signal Output: Voltage Output





### More Images















#### **Product Description**

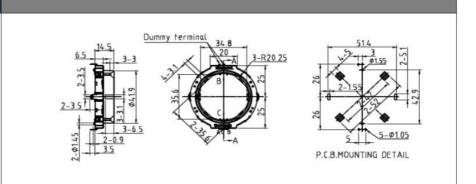
#### 50mm Incremental Rotary Encoder for Small Appliance Control

# EC50A00V01

#### Incremental Encoder

Size: 50mm Pulses: 9P

Number of detent: 18 Rotational life: 30000cycles



#### **EC50 Series Product Specifications**

#### 1.Electrical Characteristics

Rated voltage: DC 5V
Resolution: 9pulses/360°

 $\begin{array}{ll} \mbox{Insulation resistance:} & \mbox{10M}\Omega \mbox{ Min at DC 250V} \\ \mbox{Dielectric strength:} & \mbox{1 minute at AC 50V} \end{array}$ 

Phase Difference: 9≥8.9ms

#### 2.Mechanical Characteristics

Total ratational angle: 360°(Endless)

Detent torque: 40±14mN.m (400±140gf.cm)

Shaft wobble: 0.3mm p-p Max

Push-Pull Strength of shaft 10KG

#### 3.Endurance Characteristics

Rotational life: 30,000cycles

Operating temperature range: -40°C to+85°C

Storage temperature range: -40°C to+85°C

#### **Our Factory**

#### **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 national high-tech enterprise which professional in designing, manufacturing and selling encoders, potentiometers, switches, sensors, and encoder smart modules The components are extensively utilized for white household electrical appliances, small home appliances, smart home appliances, car audio. bluetooth audio, multimedia audio, instrumentation, medical equipment electronic 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 qualitythey 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.

200

14000 m<sup>2</sup>

500°

employees

factory building Cooperative clients



Patents and certificates

# **工厂展示** FACTORY DISPLAY



MEASURING ROOM 测量室



ENVIRONMENTAL LABORATORY 环境实验室



RECEPTION 前台



GENERAL OFFICE 综合办公室



INJECTION MOLDING WORKSHOP 注塑车间



ASSEMBLY WORKSHOP 组装车间



AUTOMATIC INSPECTION WORKSHOP 自动检测车间



AUTOMATIC WORKSHOP 自动化车间





五金冲压



模具车床



寿命实验室





轴芯车床 LATHE AXIS CORE



全自动成品组装机 FULLY AUTOMATIC FINISHED PRODUCT ASSEMBLY MACHINE



立式注塑机 VERTICAL INJECTION MOLDING MACHIN







Fisher X-ray Coating Thickness Gauge 菲希尔 X射线镀层测厚仪



TIANRUI RoHS TESTER 天瑞ROHS检测仪



TWO-DIMENSIONAL



LIFE TESTER 寿命测试仪



PROJECTOR



HARDNESS TESTER



SWITCH LOAD TESTER 开关荷重测试仪



CONSTANT TEMPERATURE
AND HUMIDITY MACHINE
恒温恒湿机



SALT SPRAY TESTER 盐雾测试仪



THERMAL SHOCK

#### **Application:**















#### 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.

2.Do you support customization?

Yes, customization is supported, we need you to provide drawings, usage and requirements.

3. What is your shipping port and the term of payment?

Ex-work or FOB Shenzhen.

30% paid in advance, 70% balance before shipment by T/T. (First transaction requires 100% payment in advance.)

4. How long is your lead time?

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.

6.What's your MOQ?

Our MOQ is 2K. If it is a small batch order, the price needs to be increased appropriately.





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