

# 12mm Axonia Plastic Handle Rotary Incremental Rotary Encoder Ec12

# **Basic Information**



# **Product Specification**

Model NO.: EC12A11V02

· Package:

• Installation Form: Axle Sleeve Type

• Brand: Taowaves

Axonia:

• Transport Package: Carton Specification: 12mm **TAOWAVES** Trademark: China • Origin:

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

• Operating System: Contact Brush Type • Signal Output: Voltage Output Axle Sleeve Type: Empty Type





# More Images









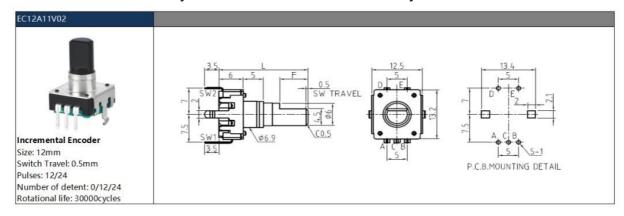






#### **Product Description**

## EC12 Plastic Handle Rotary Incremental Encoder 12mm Rotary Encoder



#### **EC12 Series Product Specifications**

#### 1.Electrical Characteristics

DC 5V Rated voltage:

Resolution: 12/24pulses/360° Insulation resistance:  $100M\Omega$  Min at DC 250V Dielectric strength: 1 minute at AC300V Phase Difference: 12≥6.7ms / 24≥3.4ms

#### 2.Mechanical Characteristics

360°(Endless) Total ratational angle:

Detent torque: 3~15mN.m.(30~150gf.cm) 0.7\*L/30mm p-p Max(L: mounting Shaft wobble:

height) Push-Pull Strength of shaft 8KG

Operation fore of switch: 500±200gf / 1000±200gf

Travel of switch: 0.5±0.3 mm

### 3.Endurance Characteristics

Rotational life: 30,000cycles Push-life: 20,000cycles Operating temperature -30°C to+80°C range: 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 fordeveloping 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 寿命測试仪



PROJECTOR 投影仪



HARDNESS TESTER 硬度测试仪



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



#### 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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