

# High-Precision SMT Rotary Encoder 5-Pin 11mm Threaded Metal Shaft – Wholesale

#### **Basic Information**



#### **Product Specification**

Model NO.: EC11A21R03Readout Mode: Contact

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

• Package: -

• Installation Form: Axle Sleeve Type

• Brand: Taowaves

• Axonia:

Transport Package: Carton
 Specification: 11mm
 Trademark: TAOWAVES

Origin: ChinaCustomization: AvailableType: Rotary Encoder





## More Images



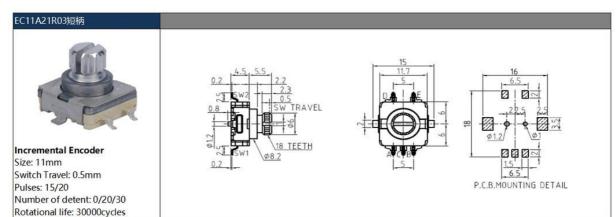






#### **Product Description**

#### Short Handle Encode 11cm Short Shaft Metal Encoder with Push Switch



#### **EC11 Series Product Specifications**

#### 1.Electrical Characteristics

Rated voltage: DC 5V

Resolution: 15/20pulses/360° Insulation resistance: 100MΩ Min at DC 250V Dielectric strength: 1 minute at AC300V Phase Difference: 15P $\geq$ 5.6ms / 20P $\geq$ 4.0ms

#### 2.Mechanical Characteristics

Total ratational angle: 360°(Endless)

Detent torque: 2~15mN.m.(20~150gf.cm)

Shaft wobble: 0.7\*L/30mm p-p Max(L: mounting

Push-Pull Strength of shaft
Operation fore of switch:

height)

8KG

500±200gf

Travel of switch:

0.5±0.3 mm

#### 3.Endurance Characteristics

Rotational life: 30,000cycles

Push-life: 30,000cycles

Operating temperature range: -30°C to+80°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<sup>+</sup> employees

14000 m<sup>2</sup>

500°

oyees 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 MOLDIN





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



TIANRUI RoHS TESTER



TWO-DIMENSIONAL



LIFE TESTER 寿命测试仪



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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