



High Resolution Absolute Encoder for Shaft Rotation Sensing

Our Product Introduction

for more products please visit us on ttencoder.com

Basic Information



Product Specification

- Model NO.: ES16B00H01
- Readout Mode: Contact
- Operating System: Contact Brush Type
- Signal Output: Voltage Output
- Axle Sleeve Type: Empty Type
- Installation Form: Axle Sleeve Type
- Customized: Support Customization
- Factory Attributes: ODM
- Transport Package: Carton
- Specification: 16mm
- Trademark: TAOWAVES
- Origin: China
- Customization: Available
- Type: Rotary Encoder
- Working Principle: Absolute



More Images



Product Description

16mm Absolute Rotary Encoder for Car Air Conditioning Use

ES16B00H01

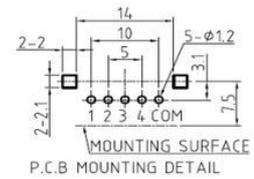
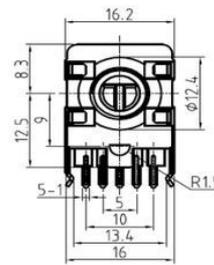
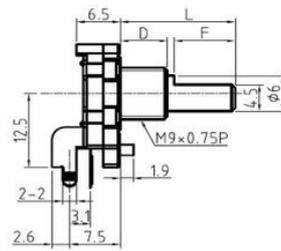


Absolute Encoder

Size: 16mm

Number of positions: 16P1/16P2/16P3

Rotational life: 30000cycles



ES16 Series Product Specifications

1. Electrical Characteristics

Rated voltage:	DC 5V
Rated current :	1mA (Resistance loading)
Max. operating current:	2.5mA (Resistance loading)
Resolution:	16pulses/360°
Insulation resistance:	10M Ω Min at DC 50V
Dielectric strength:	1 minute at AC 50V
Channel:	16 Channel

2. Mechanical Characteristics

Total rotational angle:	360°(Endless)
Number and position of detent:	16detents Step angle:22.5° \pm 5°
Detent torque:	5~35mN.m.(50~350gf.cm)
Shaft wobble:	0.8°L/30mm p-p MAX
Push-Pull Strength of shaft	8KG

3. Endurance Characteristics

Rotational 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 has 14,000 square meters of standard factory buildings and dormitories, which has a beautiful environment and convenient transportation. We are a national high-tech enterprise which is 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 industry and 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 enhance the percentage of self-production for the key parts, like 100% self-producing for plastic parts and lathing shafts, and invest in developing automatic producing machines and testing instruments.

200⁺
employees

14000^{m²}
factory building

500⁺
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



我们的实力

OUR STRENGTH



五金冲压
METAL STAMPING



模具车床
COMPANY SHOWS



寿命实验室
LIFE LABORATORY



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 MACHINE





Application:


 东莞市涛涛电子有限公司
 DONGGUAN TAOTAO ELECTRONIC CO.,LTD

Home Appliances




ES18 EC15 EC43

<https://www.taowaves.com>


 东莞市涛涛电子有限公司
 DONGGUAN TAOTAO ELECTRONIC CO.,LTD

Kitchen Appliances




EC11 EC12 EC25 RS17

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Kitchen Appliances




RS14 EC15 EC28 EC35

<https://www.taowaves.com>


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Multimedia




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Car Audio




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Other Application




<https://www.taowaves.com>

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.

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.



Dongguan Taotao Electronics Co., Ltd.



+86 19107690150



zabie@taowaves.com



ttencoder.com

No.8 Weichang Road,Chashan Town,Dongguan City,Guangdong Province,China