# **Rotary Encoder**

## Model EN16 Series

#### Features:

- 16 mm
- 2 bits gray code
- Incremental/contacting type
- Metal bushing/shaft





## **Model Styles Available**

Top Adjust, PCB pins	EN16-H
Side Adjust, PCB pins	EN16-V

RoHS 2

compliant

## Electrical

Pulses ( Per Revolution )	12 & 24
Closed Circuit Resistance, Ohms	3 Ohms, max.
Contact Rating	0.5mA/ 5Vdc
Operating Current, Maximum	0.5mA
Dielectric Strength	50Vac/ 1mA, I minute
Insulation Resistance, Minimum	10M ohms at 50Vdc/ 1mA
Sliding Noise ( at 60 RPM )	2.0ms max.
Contact Bounce ( at 15 RPM)	5.0ms max.
On analysis and a d ( DDM )	
Operating speed ( RPM )	100 RPM max.

### Mechanical

Total Mechanical Travel	Continuous
Detents (per Revolution)	0,12, 24
Rotational Torque of Detent, Maximum	2.5 oz-in

## Environmental

Operating Temperature Range	-30°C to +85°C
Rotational Life	30,000 cycles

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#### Shaft Length options



#### **Circuit Diagram**



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### **Outline Drawings**

EN16-H (Top Adjust, PCB pins)







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