

# 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

### 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, 1 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.
Operating speed ( RPM )	100 RPM max.
Actual Electrical Travel, Nominal	Continuous

### 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

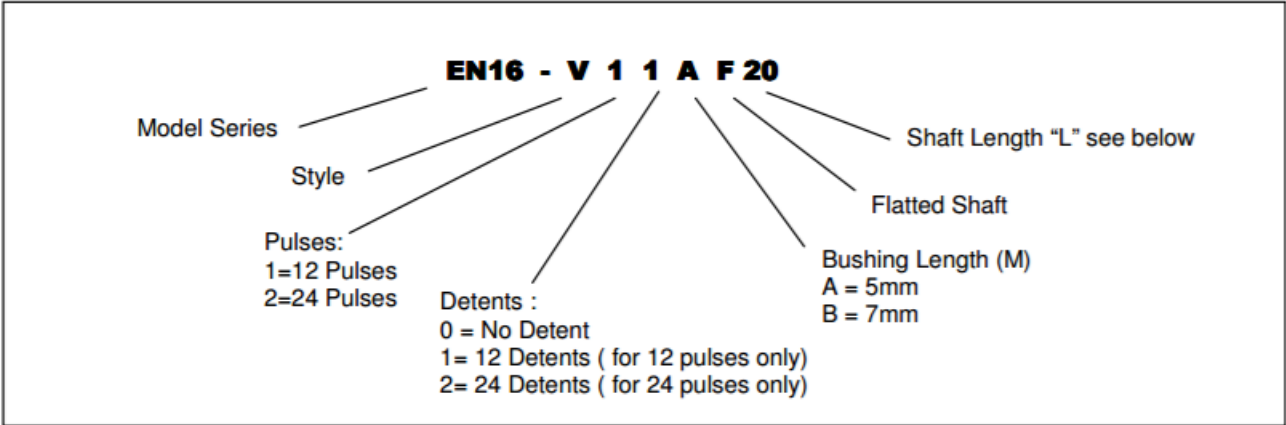
#### General Note

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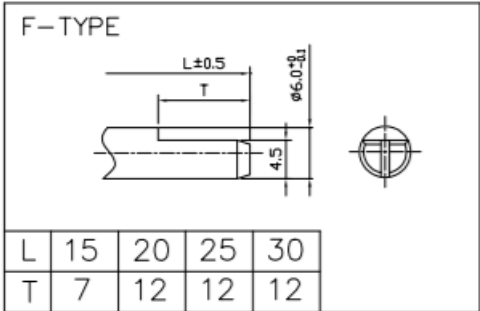
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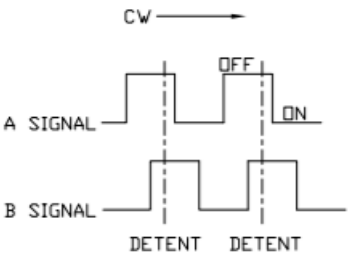
Ordering



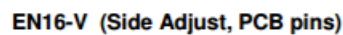
Shaft Length options



Circuit Diagram



**EN16-H (Top Adjust, PCB pins)**



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