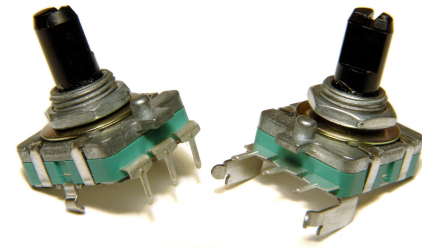


**Model EN16**  
**16mm Rotary Encoder**  
**2 Bits Gray Code**  
**Incremental/Contacting Type**  
**Metal Bushing/Plastic Shaft**  
**RoHS Compliant**



#### MODEL STYLES

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

#### ELECTRICAL<sup>1</sup>

|                                   |                        |
|-----------------------------------|------------------------|
| 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  |

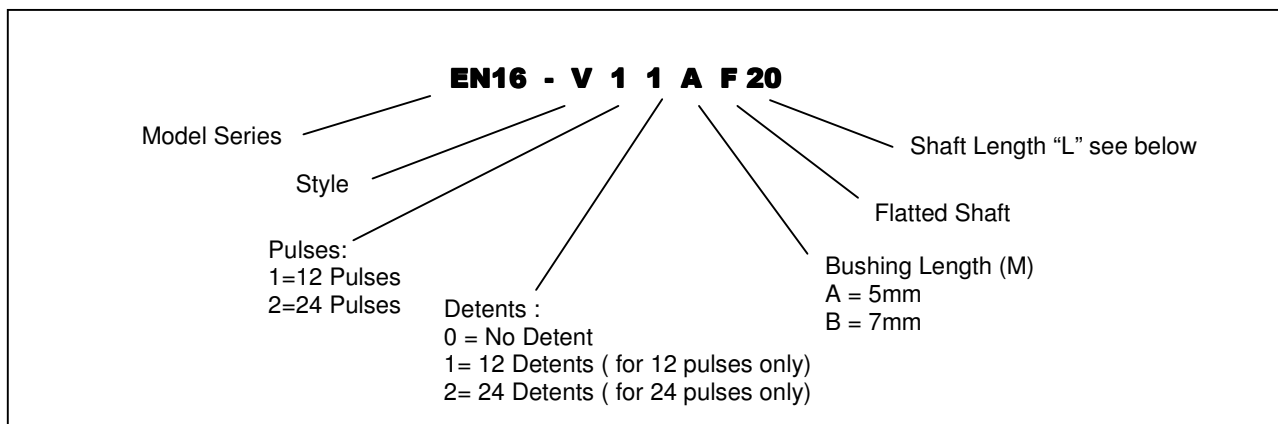
#### ENVIRONMENTAL

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

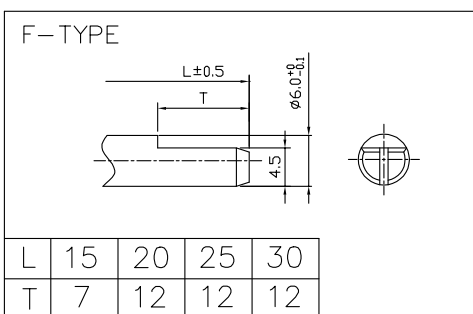
<sup>1</sup> Specifications subject to change without notice.

# Model EN16

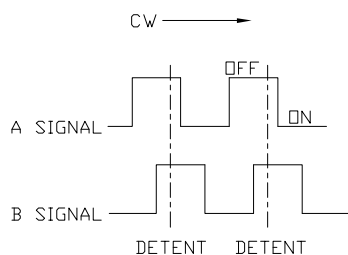
## ORDERING INFORMATION<sup>2</sup>



### Shaft Length options



## CIRCUIT DIAGRAM

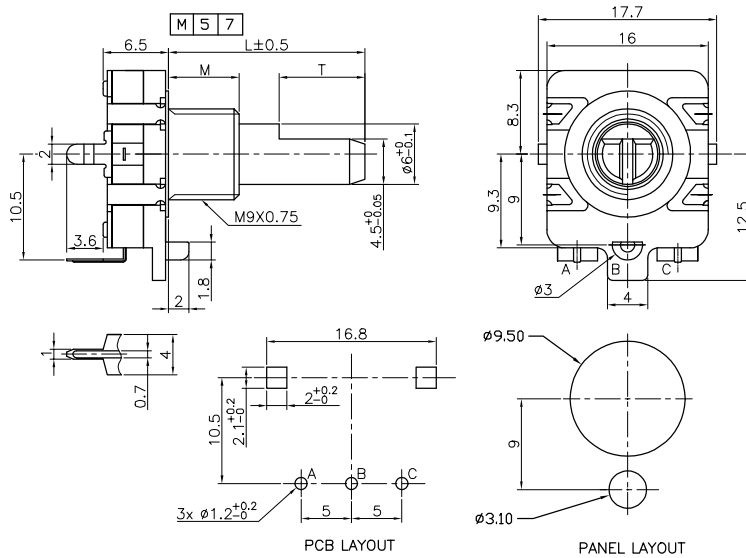


<sup>2</sup> Contact our customer service for custom designs and features.

# Model EN16

## OUTLINE DRAWING

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



### EN16-V (Side Adjust, PCB pins)

