

16mm Insulated Shaft Rotary Encoder

Application

- ✓ Audio, Home appliance, Precision Apparatus, Automotive, Communication, Industrial Control, etc.

Feature

- ✓ Incremental Output Signal Encoder



■Specification

Rotation Angle	360° endless
Rating Voltage	5V DC 0.5mA
Operating Temperature	-10 °C~70 °C
Rotational Torque	50 ~ 200 gf.cm
Rotational Life	50,000 cycles (rotate 360° ccw and rotate 360° cw as 1 cycle)

■How to order

RE160F – 40(D) – 15A – 10P

Model

Resolution

Code	Pulses	Detent
24P	24	24

Shaft

Terminal Type

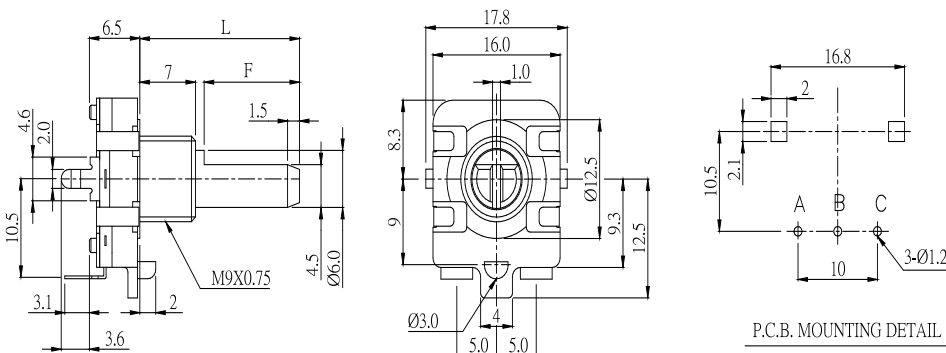
Code	Terminal type	Switch
40	Vertical	Without switch

Code	Bushing Type (D)	
E3	Ø9mm	7mm

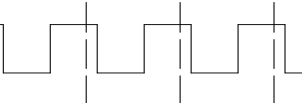
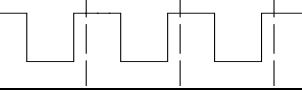
16mm Insulated Shaft Rotary Encoder

■Model Description

Model	Terminal Type	Switch	Bushing Type (D)		Bushing Thread
RE160F-40E3	Vertical	Without Switch	Ø9mm	7mm	With thread

Order Code	Outline Drawing								
RE160F-40E3	 <table data-bbox="1150 1039 1495 1135"><tr><td>L</td><td>15</td><td>20</td><td>25</td></tr><tr><td>F</td><td>7</td><td>12</td><td>12</td></tr></table>	L	15	20	25	F	7	12	12
L	15	20	25						
F	7	12	12						

■Resolution and Output Signal

Model	Resolution (Pulses/Rotation)	Detent Number	Output Signal Format		
			Shaft Rotational Direction	Signal	Output
RE160F	24/360°	24	C.W.	A (Terminal A-C)	OFF  ON
				B (Terminal B-C)	OFF  ON

Design and specifications presented here are for the standard parts only. Please kindly contact us for your special requests and ask for the current technical specifications before purchase and/or use.

[Back to top](#)