



Features

- Miniature 12mm diameter for space saving
- Insert molded base to avoid from flux penetration
- Illuminated shaft via RGB LED
- Bushing mounted
- Custom options available

Applications

Panel control that requires analog signal change via rotation. Popular for applications in audio, instrument, industrial, or radio market.

Potentiometer Specification

Operating Temperature	-10°C to +70°C
Operating Force	10 ~ 80 gf.cm
Total Resistance	5, 10, 20, 50, 100, 250 KΩ
Total Resistance Tolerance	±20%
Stop Strength	3Kgf.cm min.
Pull-pull Strength	8Kgf.cm min.
Resistance Taper	Standard linear , custom linear or audio
Total Rotational Angle	300°
Power Rating	0.05W
Life Cycle	15,000

Drawing Example

Model	Dimensions
RV12PG , horizontal type (momentary SW embedded)	<p>The drawing includes three views: a side view showing the shaft stroke (0.3) and mounting surface (M9x0.75, C0.8); a front view showing the 12.4mm diameter and 60-degree shaft angle; and a circuit diagram showing the 5-terminal potentiometer configuration with 5-Ø1 HOLES and 3-Ø1.1 HOLES. Dimensions include 15mm total length, 8.2mm diameter, and various pin spacings.</p>

Note: Consult APEX for more options