

How does a **POTENTIOMETER** work?

Potentiometers allow for variable resistance at the turn of a knob. A metal wiper moves along a resistive track between the wiper terminal and output terminal, increasing or decreasing resistance as it moves.

Wiper: Makes an electrical connection between the left or right terminal and the center terminal.

Shaft: Connected to the wiper, it moves the wiper along the resistive track.

Shaft Attachment: Point where shaft connects to wiper.

Resistive Track: Resistive material that connects the left and right terminals.

Left and Right Terminals: Connected to either side of the resistive track.

Stop: Prevents rotation past end points.

Wiper Terminal: Connected to the internal metal wiper.

