

Datasheet

RS Pro 149618 Series Linear Potentiometer with a 4 mm Dia. Shaft, 10k Ω , $\pm 30\%$, $\pm 400\text{ppm}/^\circ\text{C}$

RS Stock No: 842-7188



Product Details

RS Pro linear potentiometer offers resistance up to 10 k Ω with a temperature coefficient of $\pm 400\text{ppm}/^\circ\text{C}$. This potentiometer includes a shaft of 4 mm diameter provides 50 mm stroke length.

Features and Benefits

- Standard resistance tolerance of $\pm 30\%$
- Stroke length of 50 mm
- Electrical life of 100,000 strokes
- Essentially infinite resolution

**Specifications:**

Actuator Type	Linear Shaft
Electrical Taper	Linear
Element Material	Conductive Plastic
Linearity	±0.5%
Termination Style	Solder Tab
Shaft Length	28 mm
Diameter	24 mm
Dimensions	24 (dia.) x 125 mm
Length	125 mm
Maximum Operating Temperature	+105°C
Maximum Resistance	10 kΩ
Minimum Operating Temperature	-45°C
Temperature Coefficient	±400 ppm/°C
Tolerance	±30%
Shaft Diameter	4 mm