

Datasheet

RS Pro P25 Series Wire-Wound Potentiometer with a 6.35 mm Dia. Shaft, 500 Ω , $\pm 10\%$, 1W, $\pm 50\text{ppm}/^\circ\text{C}$, Panel Mount
RS Stock No: **842-7043**



Product Details

RS Pro wire-wound potentiometer offers resistance up to 1 k Ω with a temperature coefficient of $\pm 50\text{ppm}/^\circ\text{C}$. This 1 W rated potentiometer includes a shaft of 6 mm diameter and provides 285 $^\circ$ rotation.

Features and Benefits

- 285 $^\circ$ rotation (mechanical angle)
- Power rating of 1W
- Rotational life up to 100,000 revolutions

Specifications:

Element Material	Wire Wound
Linearity	±1%
Mounting Type	Panel Mount
Termination Style	Solder
Mechanical Rotation	285°
Shaft Length	25 mm
Diameter	25.4 mm
Dimensions	25.4 (dia.) x 40.5 mm
Length	40.5 mm
Maximum Operating Temperature	+105°C
Maximum Resistance	500 Ω
Minimum Operating Temperature	-40°C
Mounting Hole Diameter	15 mm
Power Rating	1 W
Temperature Coefficient	±50 ppm/°C
Tolerance	±10%
Number of Turns	1
Shaft Diameter	6 mm
Dielectric Strength	500 V ac
Insulation Resistance	1000 MΩ