

## Datasheet

**RS Pro P40 Series Wire-Wound Potentiometer with a 6.35 mm Dia. Shaft, 500 $\Omega$ ,  $\pm 10\%$ , 3W,  $\pm 50\text{ppm}/^\circ\text{C}$ , Panel Mount**  
RS Stock No: **842-7093**



## Product Details

RS Pro wire-wound potentiometer offers resistance up to 500  $\Omega$  with a temperature coefficient of  $\pm 50\text{ppm}/^\circ\text{C}$ . This 3 W rated potentiometer includes a 6.35 mm diameter shaft and provides 285° rotation.

## Features and Benefits

- $\pm 10\%$  standard resistance tolerance
- 285° rotation (mechanical angle)
- Power rating of 3W

**Specifications:**

Element Material	Wire Wound
Linearity	±0.75%
Mounting Type	Panel Mount
Termination Style	Solder
Mechanical Rotation	285°
Shaft Length	25 mm
Diameter	40 mm
Dimensions	40 (dia.) x 41 mm
Length	41 mm
Maximum Operating Temperature	+105°C
Maximum Resistance	500 Ω
Minimum Operating Temperature	-40°C
Mounting Hole Diameter	15 mm
Power Rating	3 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