

## Datasheet

# RS Pro NP23 Series Conductive Plastic Potentiometer with a 6.35 mm Dia. Shaft, 1k $\Omega$ , $\pm$ 20%, 1W, $\pm$ 400ppm/ $^{\circ}$ C, Panel Mount

RS Stock No: **842-7125**



## Product Details

RS Pro conductive plastic potentiometer offers resistance up to 1 k $\Omega$ . This 1 W rated potentiometer includes a shaft of 6.35 mm diameter. It features a noise-free output using a precious metal wiper.

## Features and Benefits

- Power rating of 1W at 70 $^{\circ}$ C
- Rotational life of 4,000,000 shaft revolutions
- 320 $^{\circ}$  electrical angle
- 330 $^{\circ}$  mechanical angle
- $\pm$ 20% resistance tolerance

**Specifications:**

Element Material	Conductive Plastic
Linearity	±2%
Mounting Type	Panel Mount
Termination Style	Solder
Mechanical Rotation	330°
Shaft Length	20 mm
Diameter	23 mm
Dimensions	23 (dia.) x 13.8 mm
Length	13.8 mm
Maximum Operating Temperature	+105°C
Maximum Resistance	1 kΩ
Minimum Operating Temperature	-40°C
Mounting Hole Diameter	15 mm
Power Rating	1 W
Temperature Coefficient	±400 ppm/°C
Tolerance	±20%
Number of Turns	1
Shaft Diameter	6.35 mm
Dielectric Strength	500 V ac
Insulation Resistance	1000 MΩ