

EUP1100/1125

1 watt - 1 inch diameter



Series EUP1120 and EUP1125 potentiometers feature Wirewound Elements for long life and stability

Features

- Wirewound resistive element
- Thermoset plastic housing
- Nickel plated brass bushing and shaft

Electrical specifications

Resistance Range: 50 to 10K ohms standard

Resistance Tolerance: $\pm 10\%$

Independent Linearity: $\pm 1\%$

Electrical Rotation

EUP1100 - $270^\circ \pm 5^\circ$ (end stops)

EUP1125 - $270^\circ \pm 5^\circ$

Temperature Coefficient: ± 150 PPM/ $^\circ\text{C}$

Power Rating: 1 watt

Insulation Resistance

1000 Megohms @ 500VDC

Dielectric Strength: 1000 VAC

Mechanical Specifications

Mechanical Rotation

EUP1100 - $285^\circ \pm 10^\circ$ (end stops)

EUP1125 - Continuous rotation

Starting Torque: 1.0 oz. in.

Running Torque: 0.7 oz. in.

Stop Strength: 100 oz. in. (EUP1100)

Bearing Type: Sleeve

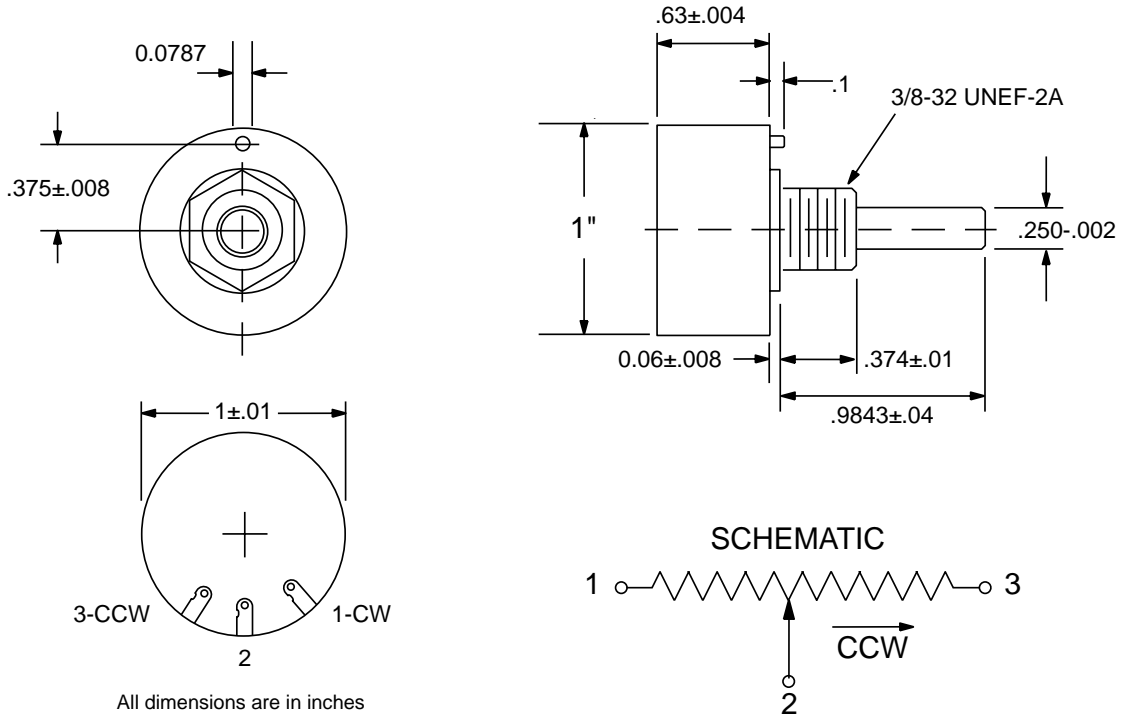
Rotational Life: 100,000 Turns minimum

Environmental Specifications

Operating Temperature: -35 to $+105$ $^\circ\text{C}$

EUP1100/1125

1 watt - 1 inch diameter



Ordering Information

Example Part Number: **EUP1100-10K-IP**

EUP1100

Model

EUP1100 = $285^{\circ} \pm 5^{\circ}$ rotation
EUP1125 = Continuous rotation

10K

Resistance

50 = 50 ohms
100 = 100 ohms
200 = 200 ohms
500 = 500 ohms
1K = 1K ohms
5K = 5K ohms
10K = 10K ohms

IP

Options

IP = IP64 protection rating
R = Special resistance values
EA = Special electrical angles
SH = Special shafts
OR = O-ring on shaft

On-line Quotations are available at <http://www.potentiometers.com>



36 Route 10 East Hanover, NJ 07936
 (800) 631-8083 Local: (973) 887-2550
 e-Mail: sales@state-elec.com
<http://www.state-elec.com> <http://www.potentiometers.com>