

# EUP3100/3125

3 watts - 1.3 inch diameter



*Series EUP3100 and EUP3125 potentiometers feature  
Wirewound elements and thermoset plastic housing*

## Features

- Wirewound resistive element
- Thermoset plastic housing
- Nickel plated brass bushing
- Gold plated brass terminals
- Stainless steel shaft

## Electrical specifications

Resistance Range

50 - 20K ohms standard

Resistance Tolerance

±10%

Independent Linearity

±1%

Electrical Rotation

EUP3100 - 270° ±5° (end stops)

EUP3125 - 350° ±5°

Power Rating

3 watts

Insulation Resistance

1000 Megohms @ 500VDC

Dielectric Strength

1000 VAC

## Mechanical Specifications

Mechanical Rotation

EUP3100 - 280° ±5° (end stops)

EUP3125 - 360° Continuous rotation

Starting Torque

1.0 oz. in.

Running Torque

0.7 oz. in.

Stop Strength (EUP3100)

50 oz. in.

Bearing Type

Sleeve

Rotational Life

200,000 Turns rated

## Environmental Specifications

Operating Temperature

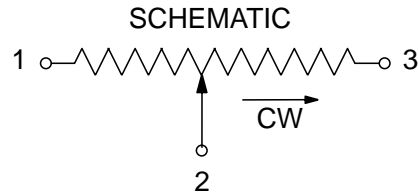
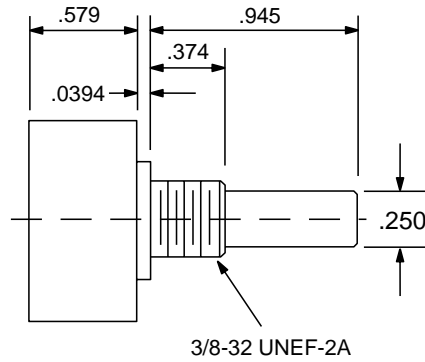
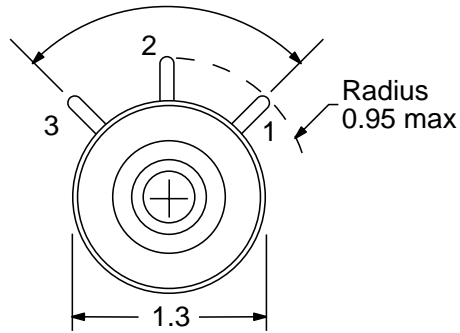
-35 °C to +105 °C

Temperature Coefficient

±400 PPM/°C

# EUP3200/3225

3 watts - 1.3 inch diameter



## Ordering Information

Example Part Number: **EUP3100-10K-IP**

### EUP3100

#### Model

**EUP3100** = 280° rotation

**EUP3125** = Continuous rotation

### 10K

#### Resistance

**50** = 50 ohms

**100** = 100 ohms

**200** = 200 ohms

**500** = 500 ohms

**1K** = 1K ohms

**2K** = 2K ohms

**5K** = 5K ohms

**10K** = 10K ohms

**20K** = 20K ohms

### IP

#### Options

**R** = Special resistance values

**SH** = Special shafts

**EA** = Special electrical angles

**RS** = Rear Shaft Extension

**2S** = 2 Sections

**3S** = 3 Sections

**OC** = Output Cable and Connectors

**IP** = IP64 protection rating

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



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