

## Honeywell Sensing and Control



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### 309NPC2500



Actual product appearance may vary.

**309 Series Industrial Potentiometer,  
Cermet Element, PC Terminals, 1 W  
Power Rating, 2.5 kOhm Resistance  
Value**

#### Features

Compact - 12,7 mm [0.5 in] modular size  
Robust nickel-plated brass shaft and bushings  
Cermet element  
Linear taper  
Very stable over the operating temperature  
PC terminals

#### Potential Applications

Manual controls  
Medical equipment  
Telecommunications

#### Description

The 309 Series is a low cost potentiometer that offers the temperature stability of a cermet element and a 1 watt power rating in a compact body. PC and solder hook style terminals available.

#### Supporting Documentation

[Dimensions](#)

[Accessory: Knobs](#)

#### Product Specifications

Product Specifications	
Potentiometer Type	Industrial
Element Type	Cermet
Terminal Type	PC
Power Rating	1 W
Resistance Value	2.5 kOhm
Resistance Tolerance	±10 %
Linearity	±5 %
Bushing Thread	6,35 mm [0.25 in] x 32 NEF-2A
Bushing length	6,35 mm [0.25 in]
Bushing Type	Standard
Shaft Diameter	3,18 mm [0.125 in]
Shaft length	19,05 mm [0.75 in]
Shaft Ending	Slotted
Body	12.7 mm [0.5 in] square, ± 0.79 mm

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	[0.031 in]
Electrical Taper	Linear
Operating Temperature	-40 °C to 150 °C [-40 °F to 302 °F]
Working Voltage (Max.)	350 V
Rotational Life	25000 cycles
Mechanical Rotation	295°
Availability	Global
Series Name	309
UNSPSC Code	4111363300
UNSPSC Commodity	4111363300 Potentiometers

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