



## 308NPC500

**308 Series Industrial Potentiometer, Conductive Plastic Element, PC Terminals, 0.5 W Power Rating, 500 Ohm Resistance Value**

### Features

- Compact - 12,7 mm [0.5 in] modular size
- Robust nickel-plated brass shaft and bushings
- Conductive plastic element
- Linear taper
- PC terminals

### Typical Applications

- Manual controls
- Medical equipment
- Telecommunications

### Description

The 308 Series is a low cost, conductive plastic, potentiometer. It offers a 1/2 watt power rating and a metal shaft and bushing. PC and solder hook style terminals available.

*Representative photograph, actual product appearance may vary.*

*Due to regional agency approval requirements, some products may not be available in your area. Please contact your regional Honeywell office regarding your product of choice.*

## 308NPC500

**308 Series Industrial Potentiometer, Conductive Plastic Element, PC Terminals, 0.5 W Power Rating, 500 Ohm Resistance Value**

Product Specifications	
Potentiometer Type	Industrial
Element Type	Conductive Plastic
Terminal Type	PC
Power Rating	0.5 W
Resistance Value	500 Ohm
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]

<b>Shaft length</b>	19,05 mm [0.75 in]
<b>Shaft Ending</b>	Slotted
<b>Body</b>	12.7 mm [0.5 in] square, ± 0.79 mm [0.031 in]
<b>Electrical Taper</b>	Linear
<b>Operating Temperature</b>	-40 °C to 120 °C [-40 °F to 248 °F]
<b>Working Voltage (Max.)</b>	350 V
<b>Rotational Life</b>	50000 cycles
<b>Mechanical Rotation</b>	295°
<b>Availability</b>	Global
<b>Series Name</b>	308 Series
<b>UNSPSC Code</b>	4111363300
<b>UNSPSC Commodity</b>	4111363300 Potentiometers

# Honeywell

## 308NPC500

**308 Series Industrial Potentiometer, Conductive Plastic Element, PC Terminals, 0.5 W Power Rating, 500 Ohm Resistance Value**

[Dimensions]

# Honeywell

## 308NPC500

**308 Series Industrial Potentiometer, Conductive Plastic Element, PC Terminals, 0.5 W Power Rating, 500 Ohm Resistance Value**

### **WARNING**

#### **PERSONAL INJURY**

DO NOT USE these products as safety or emergency stop devices, or in any other application where failure of the product could result in personal injury.

**Failure to comply with these instructions could result in death or serious injury.**

 **WARNING**

**MISUSE OF DOCUMENTATION**

- The information presented in this product sheet (or catalog) is for reference only. DO NOT USE this document as product installation information.
- Complete installation, operation and maintenance information is provided in the instructions supplied with each product.

**Failure to comply with these instructions could result in death or serious injury.**

© Copyright Honeywell Inc.1998-2004 All rights reserved.