



## 308N500

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

*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.*

### Features

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

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| Product Specifications |   |
|------------------------|---|
| Potentiometer Type     | Industrial                                    |
| Element Type           | Conductive Plastic                            |
| Terminal Type          | Solder Hook                                   |
| 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]                            |
| Shaft length           | 19,05 mm [0.75 in]                            |
| Shaft Ending           | Slotted                                       |
| Body                   | 12.7 mm [0.5 in] square, ± 0.79 mm [0.031 in] |
| Electrical Taper       | Linear  |
| Operating Temperature  | -40 °C to 120 °C [-40 °F to 248 °F]           |
| Working Voltage (Max.) | 350 V   |
| Rotational Life        | 50000 cycles                                  |
| Mechanical Rotation    | 295°  |
| Availability           | Global  |
| Series Name            | 308 Series                                    |
| UNSPSC Code            | 4111363300                                    |
| UNSPSC Commodity       | 4111363300 Potentiometers                     |

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[\[Dimensions\]](#)

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## **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.