

# Honeywell



*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.*

## 308N2500

### 308 Series Industrial Potentiometer, Conductive Plastic Element, Solder Hook Terminals, 0.5 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
- 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       | 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                       |

|                               |   |
|-------------------------------|---|
| <b>Body</b>                   | 12.7 mm [0.5 in] square, $\pm$ 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                         |

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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.**