

## Honeywell Sensing and Control



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### 381N10KZ



Actual product appearance may vary.

**381 Series Industrial Potentiometer, Conductive Plastic Element, Solder lug Terminals, 1 W Power Rating, 10 kOhm Resistance Value**

#### Features

Conductive plastic element  
CW audio taper  
Rugged construction: Metal case and nickel-plated brass shaft and bushings  
Solder lug terminals

#### Potential Applications

Manual controls  
Welding and heating  
Telecommunications

#### Description

The 381 Series is a 1 watt potentiometer with a conductive plastic element and a metal housing.

#### Supporting Documentation

[▶ Dimensions](#)

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| Product Specifications |  |
|------------------------|--|
| Potentiometer Type     | Industrial   |
| Element Type           | Conductive Plastic                                 |
| Terminal               | Solder lug   |
| Power Rating           | 1 W  |
| Resistance Value       | 10 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                   | 15.88 mm [0.625 in] diameter, ± 0.79 mm [0.031 in] |
| Electrical Taper       | CW Audio   |
| Operating Temperature  | -40 °C to 120 °C [-40 °F to 248 °F]                |

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|                        |                           |
|------------------------|---------------------------|
| Working Voltage (Max.) | 350 V                     |
| Rotational Life        | 25000 cycles              |
| Mechanical Rotation    | 300°                      |
| Availability           | Global                    |
| Series Name            | 381                       |
| UNSPSC Code            | 4111363300                |
| UNSPSC Commodity       | 4111363300 Potentiometers |

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