

## Honeywell Sensing and Control



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### 381NS50K



Actual product appearance may vary.

**381 Series Industrial Potentiometer, Conductive Plastic Element, Solder lug Terminals, 1 W Power Rating, 50 kOhm Resistance Value**

#### Features

Conductive plastic element  
Linear taper  
Rugged construction: Metal case and nickel-plated brass shaft and bushings  
Solder lug terminals  
Rotary switch, SPST, CCW detent, open in detent

#### 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	50 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	Linear

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Operating Temperature	-40 °C to 120 °C [-40 °F to 248 °F]
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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