

# Honeywell Sensing and Control



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## 380C12500



Actual product appearance may vary.

**380 Series Industrial Potentiometer, Conductive Plastic Element, Solder lug Terminals, 2 W Power Rating, 2.5 kOhm Resistance Value**

### Features

- Robust nickel-plated brass shaft and bushings
- Conductive plastic element
- Linear taper
- 100,000 cycle rotational life

### Potential Applications

- Manual controls (throttle, joystick)
- Electric vehicles
- Personal mobility
- Off-road vehicles
- Welding and heating
- Telecommunications

### Description

The 380 Series is a robust 2 watt potentiometer that offers the advantages of a conductive plastic element and a 100,000 cycle rotational life. Special tapers and element designs available on a special order.

### Supporting Documentation

- [Dimensions](#)
- [Accessory: Knobs and Dial Plate](#)

Product Specifications	
Potentiometer Type	Industrial
Element Type	Conductive Plastic
Terminal	Solder lug
Power Rating	2 W
Resistance Value	2.5 kOhm
Resistance Tolerance	± 10 %
Linearity	± 5 %
Bushing Thread	9,53 mm [0.375 in] x 32 NEF-2A
Bushing Length	9,53 mm [0.375 in]
Bushing Type	Standard
Shaft Diameter	6,35 mm [0.25 in]
Shaft Length	50,80 mm [2.0 in]
Shaft Ending	Plain round
Body	27.8 mm [1.094 in] diameter max. except at terminal standoff
Electrical Taper	Linear

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Working Voltage (Max.)	500 V
Rotational Life	100000 cycles
Mechanical Rotation	312°
Availability	Global
Series Name	380
UNSPSC Code	4111363300
UNSPSC Commodity	4111363300 Potentiometers