

## Honeywell Sensing and Control



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### 380C31MEG



Actual product appearance may vary.

**380 Series Industrial Potentiometer,  
Conductive Plastic Element, Solder lug  
Terminals, 2 W Power Rating, 1 MOhm  
Resistance Value**

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#### 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

| Product Specifications |                                  |
|------------------------|----------------------------------|
| Potentiometer Type     | Industrial                       |
| Element Type           | Conductive Plastic               |
| Terminal               | Solder lug                       |
| Power Rating           | 2 W                              |
| Resistance Value       | 1 MOhm                           |
| 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           | 22,23 mm [0.875 in]              |
| Shaft Ending           | Slotted                          |
| Body                   | 27.8 mm [1.094 in] diameter max. |

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|                        |                                     |
|------------------------|-------------------------------------|
|                        | except at terminal standoff         |
| Electrical Taper       | Linear                              |
| Operating Temperature  | -55 °C to 120 °C [-67 °F to 248 °F] |
| Working Voltage (Max.) | 500 V                               |
| Rotational Life        | 100000 cycles                       |
| Mechanical Rotation    | 312°                                |
| Availability           | Global                              |
| Series Name            | 380                                 |
| UNSPSC Code            | 4111363300                          |
| UNSPSC Commodity       | 4111363300 Potentiometers           |

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