

## Honeywell Sensing and Control



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### 380C125K



*Actual product appearance may vary.*

**380 Series Industrial Potentiometer, Conductive Plastic Element, Solder lug Terminals, 2 W Power Rating, 25 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**

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#### Product Search

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→ **Specification Search**

| Product Specifications |                                                              |
|------------------------|--------------------------------------------------------------|
| Potentiometer Type     | Industrial                                                   |
| Element Type           | Conductive Plastic                                           |
| Terminal               | Solder lug                                                   |
| Power Rating           | 2 W                                                          |
| Resistance Value       | 25 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                                                       |

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