

Honeywell Sensing and Control



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380C1500K



Actual product appearance may vary.

380 Series Industrial Potentiometer, Conductive Plastic Element, Solder lug Terminals, 2 W Power Rating, 500 kOhm 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 | 500 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. |

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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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