



*Representative photograph, actual product appearance may vary.*

*Due to regional agency approval requirements, some products may not be available in your area. Please contact your regional Honeywell office regarding your product of choice.*

## 590SX1N56S102SP

**590 Series Commercial Potentiometer, Conductive Plastic Element, PC Terminals, 0.5 W Power Rating, 1 kOhm Resistance Value**

### Features

- Compact - 12,7 mm [0.5 in] modular size
- Robust - Brass shaft and bushings
- Conductive plastic element
- Linear taper
- PC style terminals

### Typical Applications

- Manual controls
- Welding and heating
- Telecommunications

### Description

The 590 Series is a low cost potentiometer with the benefits of a conductive plastic element. It offers a 1/2 watt power rating and a metal shaft and bushing.

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**590 Series Commercial Potentiometer, Conductive Plastic Element, PC Terminals, 0.5 W Power Rating, 1 kOhm Resistance Value**

Product Specifications	
Potentiometer Type	Commercial
Element Type	Conductive Plastic
Terminal Type	PC
Power Rating	0.5 W
Resistance Value	1 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	22,22 mm [0.875 in]
Shaft Ending	Slotted
Body	12.7 mm [0.5 in] square, ± 0.79 mm [0.031 in]
Electrical Taper	Linear
Operating Temperature	-40 °C to 120 °C [-40 °F to 248 °F]
Working Voltage (Max.)	350 V
Rotational Life	50000 cycles
Mechanical Rotation	295°
Availability	Global
Series Name	590 Series
UNSPSC Code	4111363300
UNSPSC Commodity	4111363300 Potentiometers

**Honeywell**

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## **WARNING**

### **PERSONAL INJURY**

DO NOT USE these products as safety or emergency stop devices, or in any other application where failure of the product could result in personal injury.

**Failure to comply with these instructions could result in death or serious injury.**

## **WARNING**

### **MISUSE OF DOCUMENTATION**

- The information presented in this product sheet (or catalog) is for reference only. DO NOT USE this document as product installation information.
- Complete installation, operation and maintenance information is provided in the instructions supplied with each product.

**Failure to comply with these instructions could result in death or serious injury.**

# Mouser Electronics

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