

# HONEYWELL Potentiometers



This product is RoHS compliant.

# Honeywell

Sensing and Control

## 574 SERIES COMMERCIAL POTENTIOMETERS

The 574 Series is a low cost potentiometer with the benefits of a conductive plastic element. It is made with a thermoplastic housing and shaft and includes a bracket for vertical PC mounting.

### Features:

- All plastic construction
- Conductive plastic element
- Linear taper
- Metric bushing
- Low profile
- Vertical mounting with support bracket
- Bushing thread: 9.53mm (.375 in.) x 32 NEF-2A
- Power Rating: 0.5W

### Applications:

- Manual controls (throttle, joystick)
- Welding and heating
- Telecommunications



RoHS Compliant



For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Honeywell Part No.	Value (Ω)	Linearity (%)	Tol. (%)	Shaft Length: mm	Price Each		
						1	10	50
<b>Flatted</b>								
785-574SX1M48F103SD	574SX1M48F103SD	10K	±5	±20	22.22	4.25	3.58	3.09
785-574SX1M48F503SD	574SX1M48F503SD	50K	±5	±20	19.05	3.96	3.57	3.51
785-574SX1M48F104SD	574SX1M48F104SD	100K	±5	±20	19.05	7.03	6.34	6.23
<b>Slotted</b>								
785-574SX1M48S103SD	574SX1M48S103SD	10K	±5	±20	19.05	3.96	3.31	3.08
785-574SX1M48S503SD	574SX1M48S503SD	50K	±5	±20	19.05	5.27	4.76	4.68
785-574SX1M48S104SD	574SX1M48S104SD	100K	±5	±20	19.05	8.13	4.99	4.61

## 575 SERIES COMMERCIAL POTENTIOMETERS

The 575 Series is a low cost potentiometer with the benefits of a conductive plastic element. It is panel mounted and the housing and shaft are made from thermoplastic material.

### Features:

- All plastic construction
- Conductive plastic element
- Linear taper
- Solder hook terminals
- Bushing thread: 9.53mm (.375 in.) x 32 NEF-2A
- Power Rating: 0.5W

### Applications:

- Manual controls (throttle, joystick)
- Welding and heating
- Telecommunications



RoHS Compliant



For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Honeywell Part No.	Value (Ω)	Linearity (%)	Tol. (%)	Shaft Length: mm	Price Each		
						1	10	50
<b>Flatted</b>								
785-575SX1A48F102SS	575SX1A48F102SS	1K	±5	±20	19.05	2.84	2.37	2.21
785-575SX1A48F103SS	575SX1A48F103SS	10K	±5	±20	19.05	2.47	2.06	1.92
785-575SX1A48F503SS	575SX1A48F503SS	50K	±5	±20	19.05	3.59	3.24	3.19
<b>Slotted</b>								
785-575SX1A48S102SS	575SX1A48S102SS	1K	±5	±20	19.05	5.76	5.20	5.11
785-575SX1A48S103SS	575SX1A48S103SS	10K	±5	±20	19.05	2.51	2.10	1.95
785-575SX1A48S503SS	575SX1A48S503SS	50K	±5	±20	19.05	3.59	3.23	3.18

## 308 SERIES INDUSTRIAL POTENTIOMETERS

The 308 Series is a low cost, conductive plastic, potentiometer. It offers a 1/2 watt power rating and a metal shaft and bushing.

### Features:

- Compact- 12.7mm (0.5 in.) modular size
- Robust- nickel-plated brass shaft and bushings
- Conductive plastic element
- Linear taper
- Solder hook terminals
- Bushing thread: 6.35mm (.25 in.) x 32 NEF-2A
- Power Rating: 0.5W

### Applications:

- Manual controls
- Medical equipment
- Telecommunications



RoHS Compliant



\* Terminal is PC

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Honeywell Part No.	Value (Ω)	Linearity (%)	Tol. (%)	Shaft Length: mm	Price Each		
						1	10	50
785-308N100	308N100	100	±5	±10	19.05	7.51	6.77	6.66
785-308N500	308N500	500	±5	±10	19.05	13.11	11.82	11.63
785-308N1K	308N1K	1K	±5	±10	19.05	13.15	11.85	11.66
* 785-308NPC1K	308NPC1K	1K	±5	±10	19.05	8.17	7.13	6.57

## 308 SERIES INDUSTRIAL POTENTIOMETERS (CONT.)

The 308 Series is a low cost, conductive plastic, potentiometer. It offers a 1/2 watt power rating and a metal shaft and bushing.

### Features:

- Compact- 12.7mm (0.5 in.) modular size
- Robust- nickel-plated brass shaft and bushings
- Conductive plastic element
- Linear taper
- Solder hook terminals
- Bushing thread: 6.35mm (.25 in.) x 32 NEF-2A
- Power Rating: 0.5W

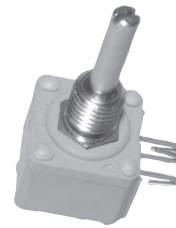
### Applications:

- Manual controls
- Medical equipment
- Telecommunications

\* Terminal is PC



RoHS Compliant



For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Honeywell Part No.	Value (Ω)	Linearity (%)	Tol. (%)	Shaft Length: mm	Price Each		
						1	10	50
785-308N2500	308N2500	2.5K	±5	±10	19.05	7.59	6.34	5.90
785-308N5K	308N5K	5K	±5	±10	19.05	7.51	6.77	6.66
* 785-308NPC5K	308NPC5K	5K	±5	±10	19.05	13.36	12.04	11.85
785-308N10K	308N10K	10K	±5	±10	19.05	8.07	6.61	5.83
* 785-308NPC10K	308NPC10K	10K	±5	±10	19.05	7.86	6.86	6.33
785-308N25K	308N25K	25K	±5	±10	19.05	13.29	11.98	11.78
* 785-308NPC25K	308NPC25K	25K	±5	±10	19.05	7.47	6.86	6.33
785-308N50K	308N50K	50K	±5	±10	19.05	13.11	11.82	11.63
* 785-308NPC50K	308NPC50K	50K	±5	±10	19.05	13.35	12.04	11.84
785-308N100K	308N100K	100K	±5	±10	19.05	7.51	6.77	6.66
* 785-308NPC100K	308NPC100K	100K	±5	±10	19.05	7.75	6.48	6.03
785-308N250K	308N250K	250K	±5	±10	19.05	7.51	6.77	6.66
785-308N500K	308N500K	500K	±5	±10	19.05	13.12	11.83	11.64
* 785-308NPC500K	308NPC500K	500K	±5	±10	19.05	13.36	12.05	11.85
785-308N1MEG	308N1MEG	1M	±5	±20	19.05	7.51	6.77	6.66
785-308N2.5MEG	308N2.5MEG	2.5M	±5	±20	19.05	14.08	12.68	12.48
785-308N5MEG	308N5MEG	5M	±5	±20	19.05	7.51	6.77	6.66

## 309 SERIES INDUSTRIAL POTENTIOMETERS

The 309 Series is a low cost potentiometer that offers the temperature stability of a cermet element and a 1 watt power rating in a compact body.

### Features:

- Compact- 12.7mm (0.5 in.) modular size
- Robust- nickel-plated brass shaft and bushings
- Cermet element
- Linear taper
- Very stable over the operating temperature
- PC terminals
- Bushing thread: 6.35mm (.25 in.) x 32 NEF-2A
- Power Rating: 1W



RoHS Compliant



### Applications:

- Manual controls
- Medical equipment
- Telecommunications

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Honeywell Part No.	Value (Ω)	Linearity (%)	Tol. (%)	Shaft Length: mm	Price Each		
						1	10	50
785-309NPC100	309NPC100	100	±5	±10	19.05	14.25	13.35	12.62
785-309NPC1K	309NPC1K	1K	±5	±10	19.05	13.51	12.18	11.98
785-309NPC5K	309NPC5K	5K	±5	±10	19.05	13.82	12.93	12.23
785-309NPC10K	309NPC10K	10K	±5	±10	19.05	9.36	7.82	7.28
785-309NPC50K	309NPC50K	50K	±5	±10	19.05	16.11	14.52	14.29
785-309NPC500K	309NPC500K	500K	±5	±10	19.05	16.04	15.00	14.19

## 62 SERIES LINEAR TAPER POTENTIOMETERS

### Features:

- Wirewound resistor
- Series: 62
- Track resistance: 1kΩ
- Resistance tolerance: ±10%
- Power rating: 2W
- Resistor element material: Wirewound
- Temperature coefficient: ±20ppm
- Adjustment type: Knob
- No. of turns: 10
- Resistance max.: 1kΩ
- Bushing thread: 9.53mm (.375 in.) x 32 NEF-2A
- Power Rating: 2W



RoHS Compliant



For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Honeywell Part No.	Value (Ω)	Linearity (%)	Tol. (%)	Shaft Length: mm	Price Each		
						1	10	50
785-62JA2K	62JA2K	2K	±5	±10	23.81	185.21	179.12	158.81
785-62JA5K	62JA5K	5K	±5	±10	23.81	131.67	127.34	116.99
785-62JA25K	62JA25K	25K	±5	±10	23.81	217.28	195.91	192.70
785-62JA100K	62JA100K	100K	±5	±10	23.81	182.20	154.27	141.13