





BOURNS® PV SERIES THROUGH-HOLE TRIMPOT® POTENTIOMETERS

PV32	Rotational Life	Number of Turns	Power Rating	Resistance Range	Resistance Tolerance	Temperature Coefficient	Temperature Range	Features
	200 Cycles	1	0.5 Watts @ 70 °C	10 ohms to 1 megohm	± 20 %	± 100 ppm/°C	-55 °C to +125 °C	<ul style="list-style-type: none"> • 1/4 " Round • PV32P option with plastic spacer • Sealed to IP67 • RoHS compliant*
PV36	Rotational Life	Number of Turns	Power Rating	Resistance Range	Resistance Tolerance	Temperature Coefficient	Temperature Range	Features
	200 Cycles	25	0.5 Watts @ 70 °C	10 ohms to 2 megohms	± 10 %	± 100 ppm/°C	-55 °C to +125 °C	<ul style="list-style-type: none"> • 3/8 " Square • Sealed to IP67 • Mounting hardware available • RoHS compliant*
PV37	Rotational Life	Number of Turns	Power Rating	Resistance Range	Resistance Tolerance	Temperature Coefficient	Temperature Range	Features
	200 Cycles	12	0.25 Watts @ 85 °C	10 ohms to 2 megohms	± 10 %	± 150 ppm/°C	-55 °C to +125 °C	<ul style="list-style-type: none"> • 1/4 " Square • Sealed to IP67 • Standoffs allow thorough PCB washing • RoHS compliant*
PV12	Rotational Life	Number of Turns	Power Rating	Resistance Range	Resistance Tolerance	Temperature Coefficient	Temperature Range	Features
	200 Cycles	4	0.5 Watts @ 70 °C	10 ohms to 1 megohm	± 10 %	± 100 ppm/°C	-55 °C to +125 °C	<ul style="list-style-type: none"> • 5/16 " Round • Unique planetary drive offers precise wiper setting • Sealed to IP67 • Top and side adjust styles • RoHS compliant*

Model	Number of Turns		Size		Packaging Options	Adjustment
	Single-turn	Multiturn	3 mm	4 mm	See Note 1	See Note 2
PV32	X		X		T, R	T, S
PV36		X		X	T, R	T, S
PV37		X	X		T, R	T, S
PV12		X	X		T	T, S

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BOURNS® PV SERIES SURFACE MOUNT TRIMPOT® POTENTIOMETERS

PVG5	Rotational Life	Number of Turns	Power Rating	Resistance Range	Resistance Tolerance	Temperature Coefficient	Temperature Range	Features
	200 Cycles	1	0.25 Watts @ 70 °C	10 ohms to 2 megohms	± 10 %	± 150 ppm/ °C	-55 °C to +125 °C	<ul style="list-style-type: none"> • 4 mm SMD • Meets EIA SMD standard trimmer footprint • Available in top and side adjust pin styles • Sealed to IP67 • RoHS compliant* & halogen free**

PVG3	Rotational Life	Number of Turns	Power Rating	Resistance Range	Resistance Tolerance	Temperature Coefficient	Temperature Range	Features
	50 Cycles	1	0.25 Watts @ 70 °C	10 ohms to 2 megohms	± 20 %	± 150 ppm/ °C	-55 °C to +125 °C	<ul style="list-style-type: none"> • 3 mm SMD • Meets EIA SMD standard trimmer footprint • Available in top and side adjust pin styles • Metal cover for thermal protection • RoHS compliant*

Model	Number of Turns		Size		Packaging Options	Adjustment
	Single-turn	Multiturn	3 mm	4 mm	See Note 1	See Note 2
PVG5		X		X	R	T, S
PVG3	X		X		R	T

Note 1: T = Tube, B = Bulk, R = Tape and Reel

Note 2: T = Top Adjust, S = Side Adjust, R = Rear Adjust

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*RoHS Directive 2002/95/EC Jan. 27, 2003 including annex and RoHS Recast 2011/65/EU June 8, 2011.

** Bourns considers a product to be "halogen free" if (a) the Bromine (Br) content is 900 ppm or less; (b) the Chlorine (Cl) content is 900 ppm or less; and (c) the total Bromine (Br) and Chlorine (Cl) content is 1500 ppm or less.

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