

Panel Potentiometer

Model P090 Series



Features:

- 9 mm rotary
- Insulated shaft
- Conductive plastic element
- 100,000 cycle life
- Snap-in clip
-



Model Styles Available

Side Adjust	P090L
Top Adjust	P090S

Electrical

Resistance Range, Ohms	500 – 1M
Standard Resistance Tolerance	± 20%
Residual Resistance	20 ohms max.
Input Voltage, maximum	50 Vac max.
Power rating, Watts	0.03W
Dielectric Strength	250Vac, 1 minute
Insulation Resistance, Minimum	100M ohms at 250Vdc
Sliding Noise	100mV max.
Actual Electrical Travel, Nominal	240°

Mechanical

Total Mechanical Travel	280°C ± 10°
Static Stop Strength	40 oz-in
Rotational torque	0.13 to 1.25 oz-in
Detent torque	.41 to 1.6 oz-in

Environmental

Operating Temperature Range	-20°C to +70°C
Rotational Life	100,000 cycles

General Note

TT Electronics reserves the right to make changes in product specification without notice or liability. All information is subject to TT Electronics' own data and is considered accurate at time of going to print.

TT Electronics | BI Technologies
4200 Bonita Place, Fullerton, CA USA 92835 | Ph: +1 714 447 2345
www.ttelectronics.com | sensors@ttelectronics.com

Panel Potentiometer

Model P090 Series



Ordering



Shaft Type



STANDARD RESISTANCE VALUES, OHMS

500 1K 2K 5K 10K 20K 50K 100K 200K 500K 1MEG

CIRCUIT DIAGRAM



General Note

TT Electronics reserves the right to make changes in product specification without notice or liability. All information is subject to TT Electronics' own data and is considered accurate at time of going to print.

Panel Potentiometer

Model P090 Series



Model P090L (Side Adjust)



Model P090S (Top Adjust)



General Note
 TT Electronics reserves the right to make changes in product specification without notice or liability. All information is subject to TT Electronics' own data and is considered accurate at time of going to print.

TT Electronics | BI Technologies
 4200 Bonita Place, Fullerton, CA USA 92835 | Ph: +1 714 447 2345
 www.ttelectronics.com | sensors@ttelectronics.com

Panel Potentiometer

Model P090 Series



General Note
TT Electronics reserves the right to make changes in product specification without notice or liability. All information is subject to TT Electronics' own data and is considered accurate at time of going to print.

TT Electronics | BI Technologies
4200 Bonita Place, Fullerton, CA USA 92835 | Ph: +1 714 447 2345
www.ttelectronics.com | sensors@ttelectronics.com

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

TT Electronics:

[P090L-11T20BR100K](#) [P090S-04F15AR100K](#) [P090S-04F20BR1K](#) [P090L-02F35B50K](#) [P090S-04T25BR10K](#) [P090L-01F20BR10K](#) [P090L-02T15BR500K](#) [P090S-04K25BR10K](#) [P090L-03F20BR10K](#) [P090S-04F20AR100K](#) [P090S-04T15AR500K](#) [P090L-02F25BR50K](#) [P090S-04F15AR10K](#) [P090S-04F30BR10K](#) [P090S-04F15BR100K](#) [P090S-04F15AR1MEG](#) [P090S-14F20BR10K](#) [P090L-01K25BR20K](#) [P090S-04F25BR5K](#) [P090S-04F30BR20K](#) [P090L-02F25BR10K](#) [P090S-14T20BR10K](#) [P090L-01T20BR1K](#) [P090L-02T20BR50K](#) [P090S-04F20BR10K](#) [P090L-02K20BR10K](#) [P090L-02T30BR100K](#) [P090L-02T30BR1K](#) [P090L-11F15BR10K](#) [P090L-15BR500K](#) [P090L-01T15AR2K](#) [P090S-02T20BR50K](#) [P090L-02F20BR10K](#) [P090L-02F20CR10K](#) [P090L-01K20BR10K](#) [P090S-04T20AR10K](#) [P090S-04T20AR50K](#) [P090L-02T20AR10K](#) [P090S-04F25BR10K](#) [P090L-01K25BR50K](#) [P090S-02T20CR10K](#) [P090L-02T20AR50K](#) [P090S-02T20AR10K](#) [P090L-01F20AR100K](#) [P090L-02F20BR1MEG](#) [P090L-01F15BR10K](#) [P090L-12K20BR10K](#) [P090L-02F20AR50K](#) [P090L-01T20BR10K](#) [P090S-04T20BR50K](#) [P090S-02T20BR10K](#) [P090L-11K35BR10K](#) [P090L-02F20AR10K](#) [P090L-02F20BR100K](#) [P090L-02T25AR5K](#) [P090L-02F20BR50K](#) [P090L-01T15BR10K](#) [P090S-04T20BR10K](#) [P090L-01K25AR50K](#) [P090S-02T20AR50K](#) [P090S-04T20CR10K](#) [P090S-04T25BR1MEG](#) [P090S-04T25BR1K](#) [P090S-04F15BR20K](#)