Model P090 9mm Rotary Potentiometer Insulated Shaft Conductive Plastic Element 100,000 Cycle Life Snap-in Clip RoHS Compliant



MODEL STYLES	
Side Adjust	P090L
Top Adjust	P090S
ELECTRICAL ¹	
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, I minute
Insulation Resistance, Minimum	100M ohms at 250Vdc
Sliding Noise	100mV max.
Actual Electrical Travel, Nominal	240°

MECHANICAL	
Total Mechanical Travel	280°± 10°
Static Stop Strength	40 oz-in
Rotational Torque	0.5 to 1.25 oz-in

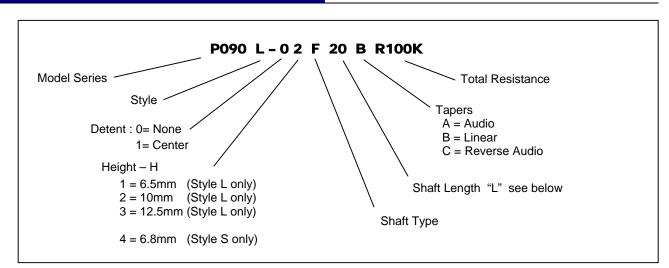
ENVIRONMENTAL

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

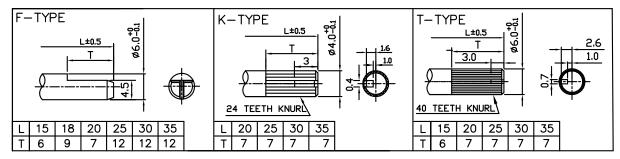
¹ Specifications subject to change without notice.

Model P090

ORDERING INFORMATION²



Shaft Type



STAN	DARD R	ESISTA	ANCE V	ALUES	, OHMS						
500	1K	2K	5K	10K	20K	50K	100K	200K	500K	1MEG	

CIRCUIT DIAGRAM

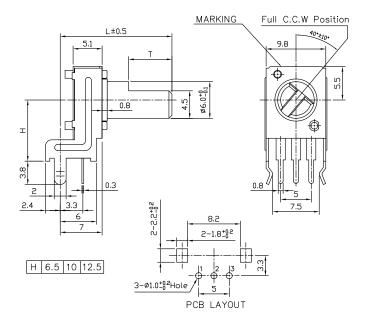
(S) O-(CCW) O--0 (CW)

² Contact our customer service for custom designs and features.

Model P090

OUTLINE DRAWING

Model P090L (Side Adjust)



Model P090S (Top Adjust)

