

RCP-22

ROTARY CONDUCTIVE PLASTIC SERVO POTENTIOMETER

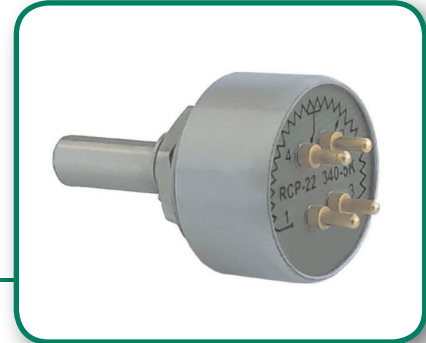


RoHS & Reach Compliance

Rotary Conductive Plastic Servo Potentiometer from URT offers long rotational life, stable output in wide temperature range, high moisture environment, with infinite resolution for manual or mechanized application in variety of fields.

FEATURES

- Infinite Resolution, Low CRV
- Gold Plated Wiper
- Bush Mounting
- * Aluminium Housing
- * 1 & 3 Fixed terminals, 2 Variable, 4 Center terminal
- Brass Nickle Plated Shaft
- Gold Plated Studs
- Long Rotational Life
- Sturdy Construction



Electrical Specifications

Standard Resistance Values	1K, 5K & 10 K Ω , Others on request
Resistance Tolerance	
Standard	$\pm 25\%$
Special	$\pm 15\%$
Resolution	Essentially Infinite
Rotational Life Expectancy	1 Lakh Shaft Revolutions
Temp. Coefficient of Resistance	± 500 ppm/ $^{\circ}\text{C}$
Maximum Wiper Current	1 mA
Effective Electrical Angle	(1) 340° (2) 100° (3) 60°
Dielectric Strength at Sea Level	Min. 1000VAC for 1 minute
Temperature Range	0° to 70°C
Weight	15 gms

Mechanical Specifications

Housing Diameter & Height	22 mm x 12 mm
Shaft Diameter & Length	6.35 mm x 15 mm
Bush Mounting	3/8 x 32 TPI
Pilot Diameter	10 mm x 1.5 mm
Mechanical Angle of Rotation	360°

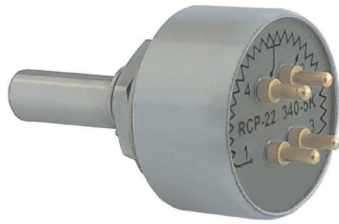


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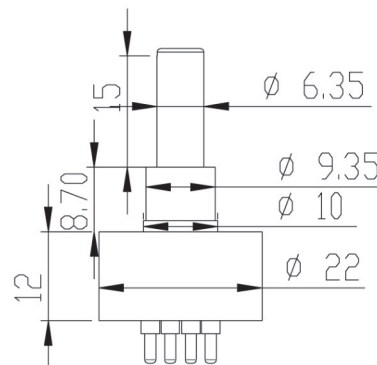
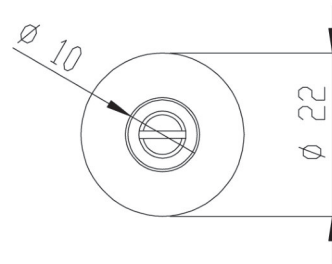
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Product Image



Dimensional Diagram



Applications

- ♦ Drives, Automation
- ♦ Rotary sensing
- ♦ Joystick
- ♦ Feedback
- ♦ Tension Control
- ♦ Valves Control & many more.

Ordering Information

Example: RCP-22, 5K

Model No.	Resistance Value in ohms
RCP-22	1K, 5K, 10K

