

SINGLE TURN POTENTIOMETER
Model Servo 40 CP
Ø 40 mm
5 000 000 Cycles (Shaft Rotations)
Conductive Plastic

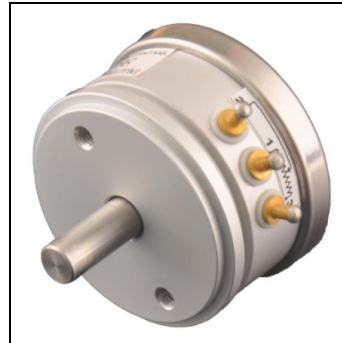


Features:

- Excellent Lifetime
- Robust Construction
- Good linearity

Applications:

- Weather Instruments
- Nominal/Target Value setting
- Measuring Instruments
- Simple Servo Systems



Electrical Data:

Resistance Range	: 1k Ω , 2 k Ω , 5 k Ω , 10k Ω
Resistance Tolerance	: $\pm 20\%$
Eff. Ele. Travel	: $350^\circ \pm 5^\circ$
Linearity	: $\pm 0.5\%$
Power Rating	: 2 W at 70°C
Resolution	: Essentially ∞
Max. Wiper Current	: 10 mA in case of Failure (10 Sec)
Contact Resistance	: Within 2% CRV
Insulation Resistance	: 1 G Ω at 500Vdc
Dielectric Strength	: 500 Vac
Temperature Coefficient	: ± 400 ppm/°C

Mechanical Data:

Life	: 5 000 000 Cycles
Mech. Angle	: CR
Protection Class	: IP54
Running Torque	: 2 N.mm
Bearing	: Ball Bearing

Environmental Data:

Storage Temperature	: -40°C to +105°C
Operating Temperature	: -40°C to +105°C
Terminals	: Brass, Gold plated studs

Material:

Housing	: Anodised ALU
Shaft	: Stainless Steel

