

SINGLE TURN POTENTIOMETER
Model Servo 40 WW
Ø 40 mm
2 000 000 Cycles (Shaft Rotations)
Wire Wound



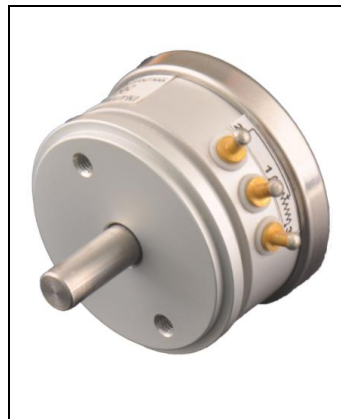
RESENZO
SMARTER SENSING AND CONTROL

Features:

- Excellent Lifetime
- Robust Construction
- Good linearity

Applications:

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



Electrical Data:

Mechanical Data:

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Resistance Range	: 1k Ω , 2 k Ω , 5 k Ω , 10k Ω
Resistance Tolerance	: \pm 10%
Eff. Ele. Travel	: 355° +3°-5°
Linearity	: \pm 0.5 %
Power Rating	: 2 W at 70°C
Resolution	: Essentially ∞
Max. Wiper Current	: 10 mA in case of Failure (10 Sec)
Equivalent Noise Resistance	: Max. 100 Ω
Insulation Resistance	: 1000 M Ω at 500Vdc
Dielectric Strength	: 500 Vac
Temperature Coefficient	: \pm 400 ppm/°C

Life	: 1 000 000 Cycles
Mech. Angle	: CR
Protection Class	: IP54
Operating Torque	: Typ. 0.5 Ncm
Bearing	: Ball Bearing

Environmental Data:

Material:

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

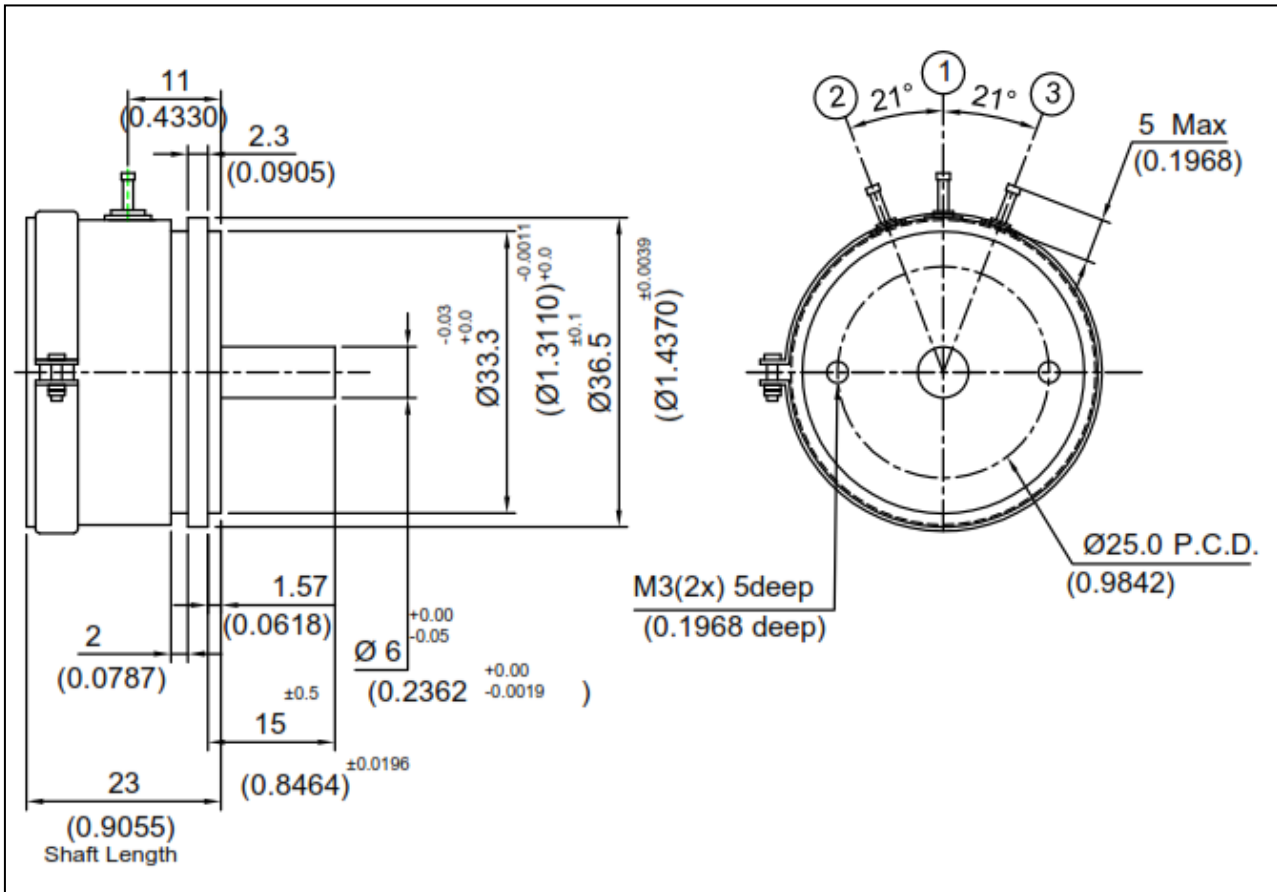
Housing	: Anodised ALU
Shaft	: Stainless Steel

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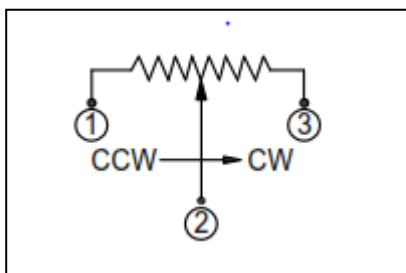


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Dimensional Drawing:



Connection Drawing:



Options:

Upon Request

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Specifications subject to change without notice