

SINGLE TURN POTENTIOMETER
Model NP22
∅ 22 mm
5 000 000 Cycles (Shaft Rotations)
Conductive Plastic



RESENZO
SMARTER SENSING AND CONTROL

Features:

- Excellent Lifetime
- Robust Construction
- Simple mounting

Applications:

- Electric Actuators
- Mining Machinery
- Construction Equipment
- Tractor Implements Control



Electrical Data:

Resistance Range	: 1k Ω , 2 k Ω , 5 k Ω , 10k Ω
Resistance Tolerance	: \pm 20%
Effective Ele. Travel	: 340° nom.
Linearity	: \pm 2 %
Power Rating	: 1 W at 70°C
Resolution	: Essentially ∞
Max. Wiper Current	: 10 mA in case of failure (10 Sec)
Supply Voltage	: As per Diagram
Contact Resistance	: Within 2% CRV
Insulation Resistance	: 1G Ω at 500Vdc
Dielectric Strength	: 500Vac
Temperature Coefficient	: \pm 400 ppm/°C

Mechanical Data:

Life	: 5 000 000 Cycles
Mech. Angle	: CR or 320°
Protection Class	: IP52
Running Torque	: 4 N.mm
Bearing	: Sleeve

Environmental Data:

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

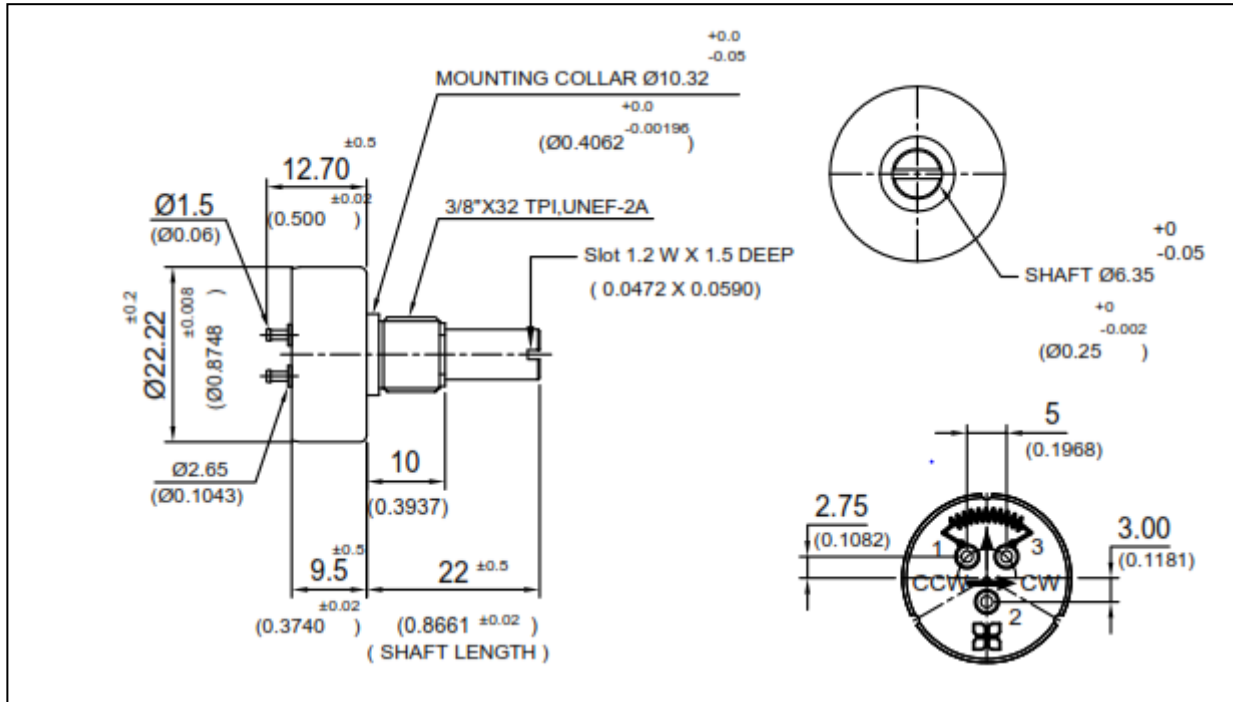
Material:

Housing	: Black anodised ALU
Shaft	: Stainless Steel

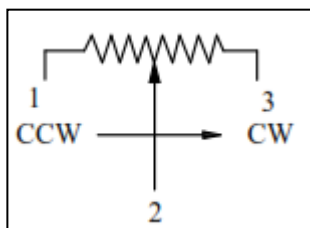
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Dimensional Drawing:



Connection Drawing:



Options:
 Upon Request

Specifications subject to change without notice