

**SINGLE TURN POTENTIOMETER**  
**MODEL NP23**  
**∅ 23 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	: 1kΩ, 2 kΩ, 5 kΩ, 10kΩ
Resistance Tolerance	: ± 20%
Effective Ele. Travel	: 340° nom.
Linearity	: ± 2 %
Power Rating	: 1 W at 70°C
Resolution	: Essentially ∞
Max. Wiper Current	: 10 mA in case of failure (10 Sec.)
Contact Resistance	: Within 2% CRV
Insulation Resistance	: 1GΩ at 500Vdc
Dielectric Strength	: 500Vac
Temperature Coefficient	: ± 400 ppm/°C

**Mechanical Data:**

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

**Environmental Data:**

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

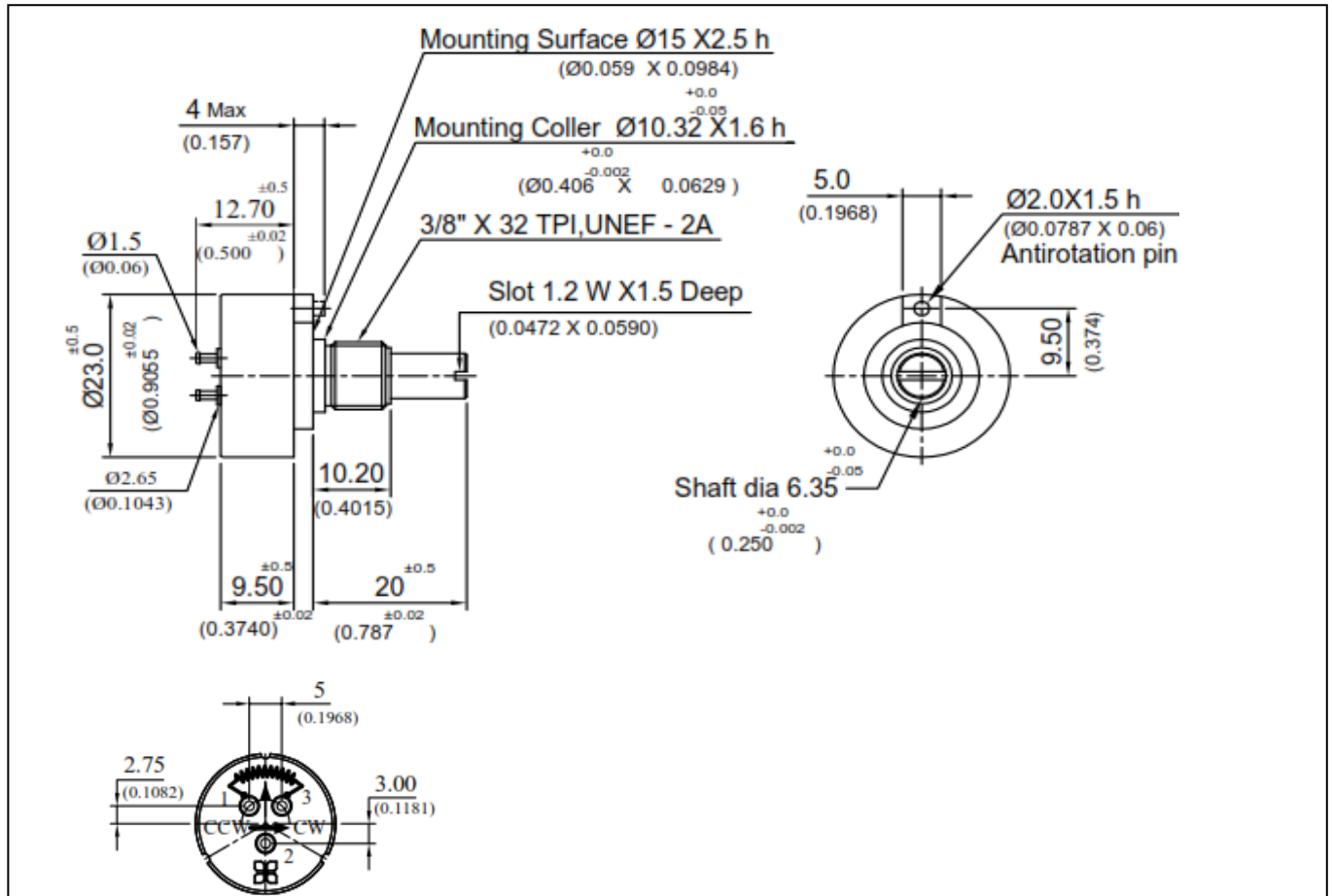
**Material:**

Housing	: Engg. Plastic
Shaft	: Stainless Steel

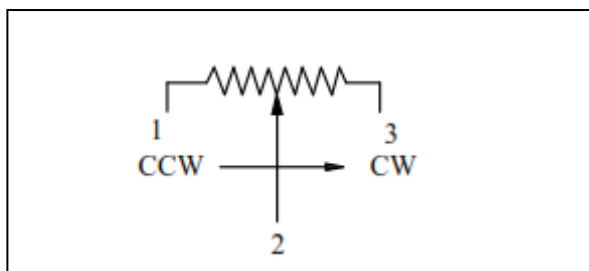
**SINGLE TURN POTENTIOMETER**  
**MODEL NP23**  
**∅ 23 mm**  
**5 000 000 CYCLES (SHAFT ROTATIONS)**  
**CONDUCTIVE PLASTIC**



**Dimensional Drawing:**



**Connection Drawing:**



**Options:**

Upon Request

Specifications subject to change without notice