



PRAVDHAN

SENSORS & CONTROLS PRIVATE LIMITED



Compliant Product



Certified Product

20 Turns Potentiometers

Product:



Electrical Characteristics:

Standard Resistance Values	200Ω to 20KΩ
Power Rating	5W @ 40°C
Linearity	Standard ±0.5%, ±0.25% on Request
Insulation Resistance	100MΩ at 500VDC
Max. Working Voltage	250VDC
Voltage Proof	750VAC for 1min. at sea Level
Electrical Angle of Rotation	7200° +10°/-0°
Resistance Tolerance	Standard ±5%, other on request
End Resistance	2Ω or %Lin. whichever is Greater

Mechanical Characteristics:

Mounting	Bush Mounting
Mechanical Angle of Rotation	7200° +10°/-0°
Temperature Range	0° to 70°C

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Material Specifications:

Housing, Bearing and Back Lid	Bakelite Housing with Nickel Plated Brass Bush
Rod	10mm /15mm SS/ Brass Rod
Terminals, Wiper Contact	End Terminals Fly Wire and Variable Terminal Gold Plated

Low TCR Resistance Wire

Applications:

- Industrial Machines for Welding & Wire Cutting**
- Medical Equipments**
- Precise Control of the Variable Frequency Drives**
- AC Drives and DC Drives**

Dimensional Drawings:

