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Pankaj

Mark Certified Product

Wire Wound Servo Potentiometer, SS-50

Model SS-50 is Wire Wound Servo Potentiometers with spindle on two ball bearings from PANKAJ, the trusted brand of Wire Wound Potentiometers in India, best suited for Dancer application due to low Torque and longer life.

Features

- Aluminum Black Anodized Top & Bottom
- Backelite Housing
- Double Ball Bearings
- 6mm Stainless Steel Shaft
- Gold Plated Terminals and Contacts

Optional Features

- Threaded Bush Mounting
- Hole in Shaft
- Shaft on Both Sides
- Tapping at 90°, 180°, or 270°
- Dual Version
- Customised Electrical Angle.

Electrical Specifications

Resistance Values	100Ω, 500Ω, 1KΩ, 2KΩ, 5KΩ & 10KΩ
Power Rating	3 Watt
Linearity	Better than 1%
Insulation Resistance	200MΩ at 500VDC
Max Working Voltage	300VDC
Voltage Proof	1KV for 1min. at sea level
Electrical Angle of Rotation	355°

Mechanical Specifications

Housing Diameter	50mm
Housing Length	28mm
Servo Mounting	Three M3 Screws @ 32PCD
Pilot Diameter	19mm x 1.5mm
Mechanical Angle of Rotation	360°

Applications

- Tension Control
- Feedback
- Dancer POT
- Process Control Equipments
- Control Valves & many more.

Theoretical Resolution in % of Resistance Value

Resistance Range	% Resolution
100 Ω	0.234
500 Ω	0.124
1K Ω	0.137
2K Ω	0.120
5K Ω	0.069
10K Ω	0.054

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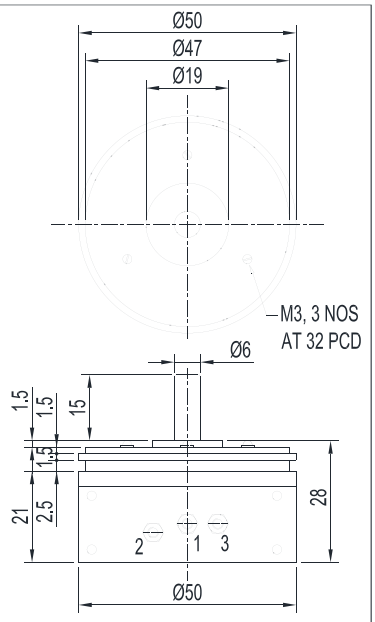
Product Image

15mm Shaft length

Dimensional Diagram

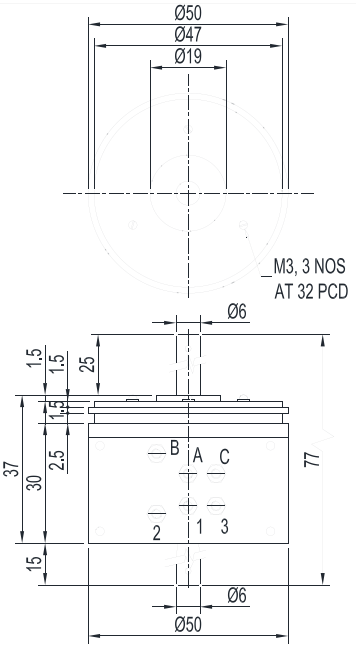


SS-50

Product Image

Dual Ganged Rear
Shaft Extension with Hole

Dimensional Diagram



SS-50-DUAL

Others Options

Rear Shaft Extension

Dual Ganged

Flattened Shaft
270° Rotation

Ordering Information

Example: SS-50, 10K, 15mm

Model No.	Resistance Values in Ω	Shaft Length in mm
SS-50	100, 500, 1K, 2K, 5K, 10K	Standard: 15mm Others: 25mm, 30mm, 50mm or both side shaft

Note: We reserve the right to make any kind of design, specifications or functional modification at any moment without prior notice

Pankaj POTENTIOMETERS PVT. LTD.

Manufacturers & Exporters

MUMBAI-INDIA

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