



# Pankaj



MAKE IN INDIA



**Linear Motion Wire Wound Potentiometer  
Model: LMP-WW-**

This product is the result of PANKAJ's Policy to develop new product as import substitute. The efforts were acknowledged by winning an award for BEST PRODUCTS DEVELOPED BY AN INDIAN EXHIBITOR at ELECRAMA 2002. The product has wider application in linear motion measurement & controls. Few applications are Press Break, Vacuum Circuit Breakers, Industrial machines & others.

**Features**

- ◆ 32mm Square Black Aluminum Anodised Housing
- ◆ Sinter Bush Bearing
- ◆ 6mm Stainless Steel Rod/ Shaft
- ◆ Gold Plated Wiper Contacts
- ◆ Solenoid Connector
- ◆ Ball Joint Coupling (Standard)
- ◆ Clamps for Fitting

**Optional Features**

- ◆ Rod End Bearings on One Side
- ◆ Rod End Bearings on Both Sides
- ◆ External Spring Return
- ◆ Internal Spring Return



Standard, Ball Joint Coupling

**Specifications**

Resistance Range	100 Ω to 5 KΩ per 50 mm of Stroke
Power Rating	0.75 Watt per 50 mm of Stroke
Linearity	Better than 1%
Insulation Resistance	500 MΩ at 500 VDC

**Applications**

- ◆ Process Control Equipments,
- ◆ Test and Measuring Instruments,
- ◆ Vacuum Circuit Breaker,
- ◆ Linear Distance Measurement & many more.

**Resolution Chart**

R. Value	LMP 50	LMP 100	LMP 150	LMP 200	LMP 250
1KΩ	0.241	0.135	0.107	0.062	0.049
5KΩ	0.117	0.067	0.054	0.035	0.035
10KΩ	0.100	0.050	0.045	0.020	0.015

**Ordering Information**

**Example: LMP-WW-100-5K-S**

Model No.	Stroke Length in mm	Resistance Value, Ω	Shaft Design
LMP-WW	50, 100, 150, 200, 250	1K, 5K, 10K	S: Standard, Ball Joint Coupling 1RB: Rod End Bearing on Rod 2RB: Rod End Bearing on Both Sides E: External Spring Return I: Internal Spring Return (Up to 150 mm)

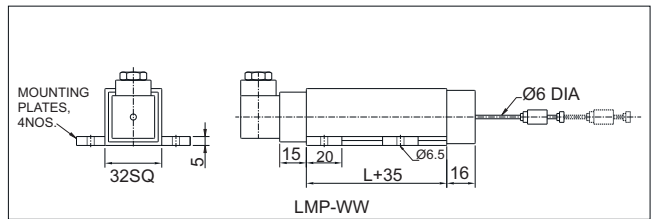
**Linear Motion Wire Wound Potentiometer  
Model: LMP-WW-**

**Product Images**



Standard  
Ball Joint Coupling on Shaft

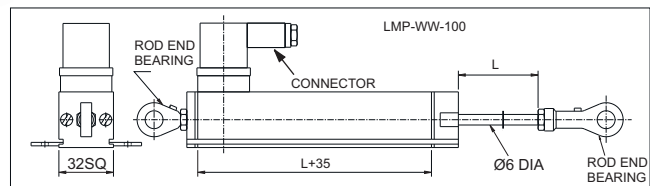
**Dimensional Diagram**



Ball Joint Coupling/ Internal Spring Return



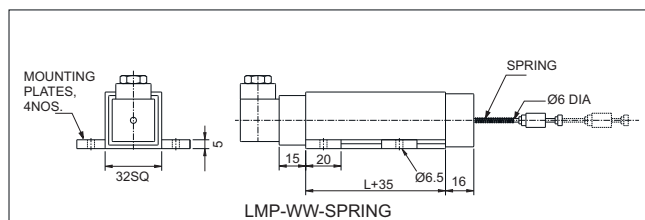
Rod End Bearings on Both Sides



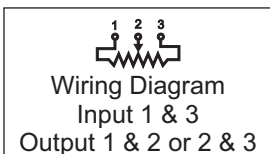
Rod End Bearing on Both Side



External Spring Return



External Spring Return



Supply Voltage as per rated Wattage  
Maximum 24 VDC

All Dimensions are in mm  
unless other wise specified

**Manufacturers & Exporters**

**PANKAJ POTENTIOMETERS PVT. LTD.**

**MUMBAI-INDIA**

URL: [www.pankaj.com](http://www.pankaj.com), E-mail: [pankaj.potentiometers@gmail.com](mailto:pankaj.potentiometers@gmail.com)

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