

### Linear Motion Potentiometer, LMP-WW-XXX

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 & 4Nos. Clamps
- ♦ Ball Joint Coupling

#### Optional Features

- ♦ Rod End Bearings on One Side
- ♦ Rod End Bearings on Both Sides
- ♦ External Spring Return
- ♦ Internal Spring Return
- ♦ Shaft on Both Sides
- ♦ Dual Track

#### Specifications

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

#### 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	LMP 300	LMP 350	LMP 400	LMP 450	LMP 500
100Ω	0.390	0.234	0.176	0.137	0.111	0.111	0.091	0.091	0.075	0.074
500Ω	0.273	0.124	0.098	0.078	0.065	0.065	0.055	0.055	0.047	0.047
1KΩ	0.241	0.135	0.107	0.062	0.049	0.049	0.049	0.039	0.033	0.033
2KΩ	0.133	0.109	0.069	0.048	0.048	0.048	0.035	0.035	0.027	0.027
5KΩ	0.117	0.067	0.054	0.035	0.035	0.035	0.024	0.024	0.024	0.024

#### Ordering Information

**Example: LMP-WW-300-5K-D**

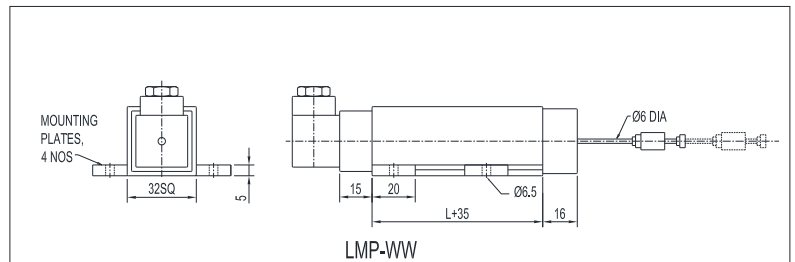
Model No.	Stroke Length in mm	Resistance Value, Ω	Shaft Design
LMP-WW	50, 100, 150, 200, 250, 300, 350, 400, 450, 500	100, 500, 1K, 5K, 10K	A: Ball Joint Coupling - Standard B: Rod End Bearing on Rod C: Rod End Bearing on Both Sides D: External Spring Return E: Internal Spring Return

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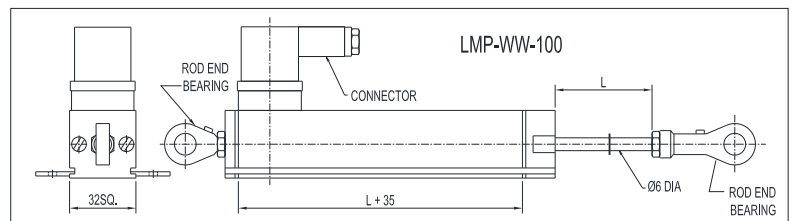
## Product Images



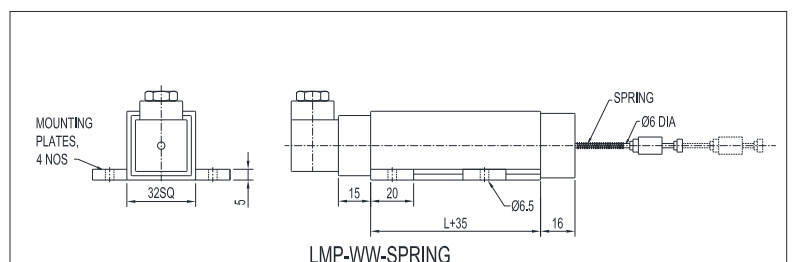
## Dimensional Diagram



## Ball Joint Coupling/ Internal Spring Return



## Rod End Bearing on Both Side



## External Spring Return

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

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