

Resistive Linear Position Transducer



- Measuring range 30 mm – 150 mm
- Long mechanical life 100.000.000 cycles
- Excellent repeatability
- Very low temperature drift
- Infinite resolution

Main Applications

Plastic / Metal Injection Moulding Machineries, Textile Machineries, Transfer / Hydraulic Machineries, Marble / Stone Machineries and General Automation Applications

Specifications

Resistance	5 Kohm or 10 Kohm
Resistance tolerance	± %20
Linearity	± %0,5 ; ± %0,1 ± %0,05
Repeatability	≤ %0.01
Load resistance	Min. 100 Kohm
Recommended cursor current	< 1 µA
Permissible applied voltage	28 VDC
Electrical connections	4 Pole, Hydraulic type
Mechanical stroke	30 to 150 mm
Mechanical life	100 * 10 ⁶ Cycles
Displacement speed	≤ 5 m/s
Case material	Anodized aluminium
Mechanical fixing	Variable brackets
IP Degree	IP 67
Working temperature	- 20 / + 80 °C

Dimensions

Model	LM	Mechanical Stroke (MS)	Electrical Measuring Stroke (EMS)
LPS	30	32 mm	30 mm
LPS	50	52 mm	50 mm
LPS	100	102 mm	100 mm
LPS	150	152 mm	150 mm

Mechanical Dimensions

