

Resistive Linear Position Transducer**SLPC***Sense the motion*

- Measuring range 10mm – 300mm
- Long mechanical life 100.000.000 cycles
- Excellent repeatability
- Very low temperature drift
- Infinite resolution

Main Applications

Metal Forming Machines, Textile Machines, Packing Machines, Printing Machines, Marble/ Stone Machines and General Automation Applications

Specifications

Mechanical stroke	10mm to 300mm
Linearity	± %0,05
Resolution	Infinite
Resistance output	1 Kohm or 2 Kohm up to 50 mm, 50 to 300 mm 5Kohm or 10Kohm)
Resistance tolerance	± %20
Load resistance	Min. 100 Kohm
Repeatability	≤ %0.01
Mechanical life	100 * 10 ⁶ Cycles
Displacement speed	≤ 5 m/s
Permissible applied voltage	28 VDC max
Recommended cursor current	< 1 µA
Electrical connections	cabl (30cm)
Case dimensions	Ø 18mm
Case material	Anodized aluminium
Rod diameter	4mm
Rod material	Stainless steel
IP Degree	IP 65
Working temperature	- 20 / + 80 °C
Mechanical fixing	2 Ball joints

Dimensions

Model	LM	Mechanical stroke (MS)	Electrical measuring stroke (EMS)	Total lengt (L)
SLPC	10	12mm	10mm	111mm
SLPC	25	27mm	25mm	126mm
SLPC	50	52mm	50mm	151mm
SLPC	75	77mm	75mm	176mm
SLPC	100	102mm	100mm	201mm
SLPC	125	127mm	125mm	226mm
SLPC	150	152mm	150mm	251mm
SLPC	175	177mm	175mm	276mm
SLPC	200	202mm	200mm	301mm
SLPC	250	252mm	250mm	351mm
SLPC	300	302mm	300mm	401mm

Ordering Procedure

SLPC	200	D	5K
Model	Measurement Stroke	Linearity Class D: 0,05 %	Kohm Value 5K: 5 KΩ 10K: 10 KΩ

