

Resistive Linear Position Transducer

- Measuring range 50 mm - 500 mm
- Output 4-20 mA or 0-20 mA or 0-10 V
- Internal electronic circuit
- Stable output signal against supply voltage variations
- Best solution for automation systems



Main Applications

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

Specifications

Output	4-20 mA or 0-20 mA or 0-10 V
Linearity	± %0,5 ; ± %0,1 ; ± %0,05
Repeatability	≤ %0.01
Load resistance	≥ 10 Kohm
Supply voltage	12-30 VDC
Electrical connections	4 Pole, Hydraulic type
Mechanical stroke	50 to 500 mm
Mechanical life	100 * 10 ⁶ Cycles
Displacement speed	≤ 5 m/s
Rod diameter	8 mm
Rod material	Stainless steel
Case material	Anodized aluminium
Mechanical fixing	2 Ball joints
IP Degree	IP 54
Working temperature	- 20 / + 80 °C

Dimensions

Model	LM	Mechanical Stroke (MS)	Electrical Measuring Stroke (EMS)	Total Length (L)
ELPC	50	52 mm	50 mm	222 mm
ELPC	100	102 mm	100 mm	272 mm
ELPC	125	127 mm	125 mm	297 mm
ELPC	150	152 mm	150 mm	322 mm
ELPC	175	177 mm	175 mm	347 mm
ELPC	200	202 mm	200 mm	372 mm
ELPC	225	227 mm	225 mm	397 mm
ELPC	250	252 mm	250 mm	422 mm
ELPC	275	277 mm	275 mm	447 mm
ELPC	300	302 mm	300 mm	472 mm
ELPC	325	327 mm	325 mm	497 mm
ELPC	350	352 mm	350 mm	522 mm
ELPC	375	377 mm	375 mm	547 mm
ELPC	400	402 mm	400 mm	572 mm
ELPC	450	452 mm	450 mm	622 mm
ELPC	500	502 mm	500 mm	672 mm

Mechanical Dimensions

