

Resistive Linear Position Transducer



- Measuring range 50mm - 500mm
- 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

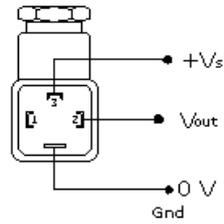
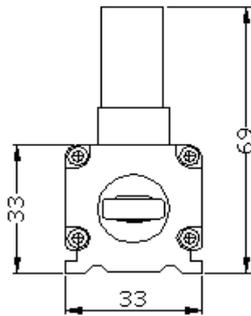
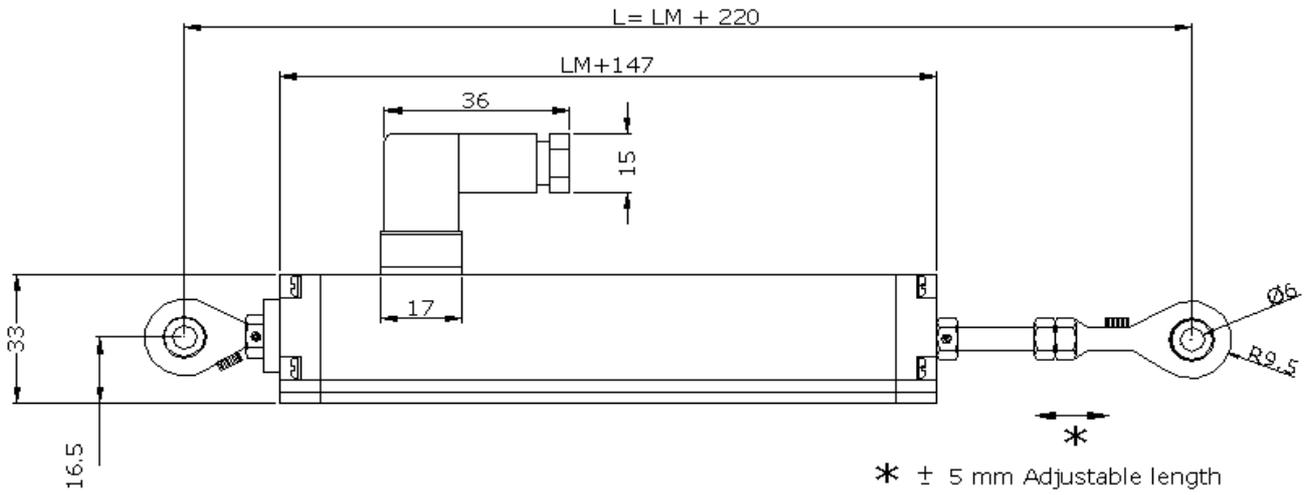
Specifications

Mechanical stroke	50mm to 500mm
Output	4-20 mA or 0-20 mA or 0-10 V
Linearity	± %0,05
Resolution	Infinite
Load resistance	Min. 10 Kohm
Repeatability	≤ %0.01
Mechanical life	100 * 10 ⁶ Cycles
Displacement speed	≤ 5 m/s
Permissible applied voltage	12-30 VDC
Electrical connections	4 Pole connector
Case dimensions	33mm x 33mm
Case material	Anodized aluminium
Rod diameter	6mm
Rod material	Stainless steel
IP Degree	IP 65
Working temperature	- 20 / + 80 °C
Mechanical fixing	2 Ball joints

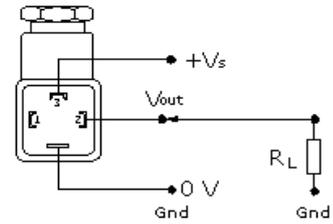
Dimensions

Model	LM	Mechanical stroke (MS)	Electrical measuring stroke (EMS)	Total length (L)
LPM	50	52mm	50mm	220mm
LPM	100	102mm	100mm	270mm
LPM	125	127mm	125mm	295mm
LPM	130	132mm	130mm	300mm
LPM	150	152mm	150mm	320mm
LPM	175	177mm	175mm	345mm
LPM	200	202mm	200mm	370mm
LPM	225	227mm	225mm	395mm
LPM	250	252mm	250mm	420mm
LPM	275	277mm	275mm	445mm
LPM	300	302mm	300mm	470mm
LPM	325	327mm	325mm	495mm
LPM	350	352mm	350mm	520mm
LPM	375	377mm	375mm	545mm
LPM	400	402mm	400mm	570mm
LPM	450	452mm	450mm	620mm
LPM	500	502mm	500mm	670mm

Mechanical dimensions



Voltage output



Current output