

Resistive Linear Position Transducer



- Measuring range 30mm – 1250mm
- 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

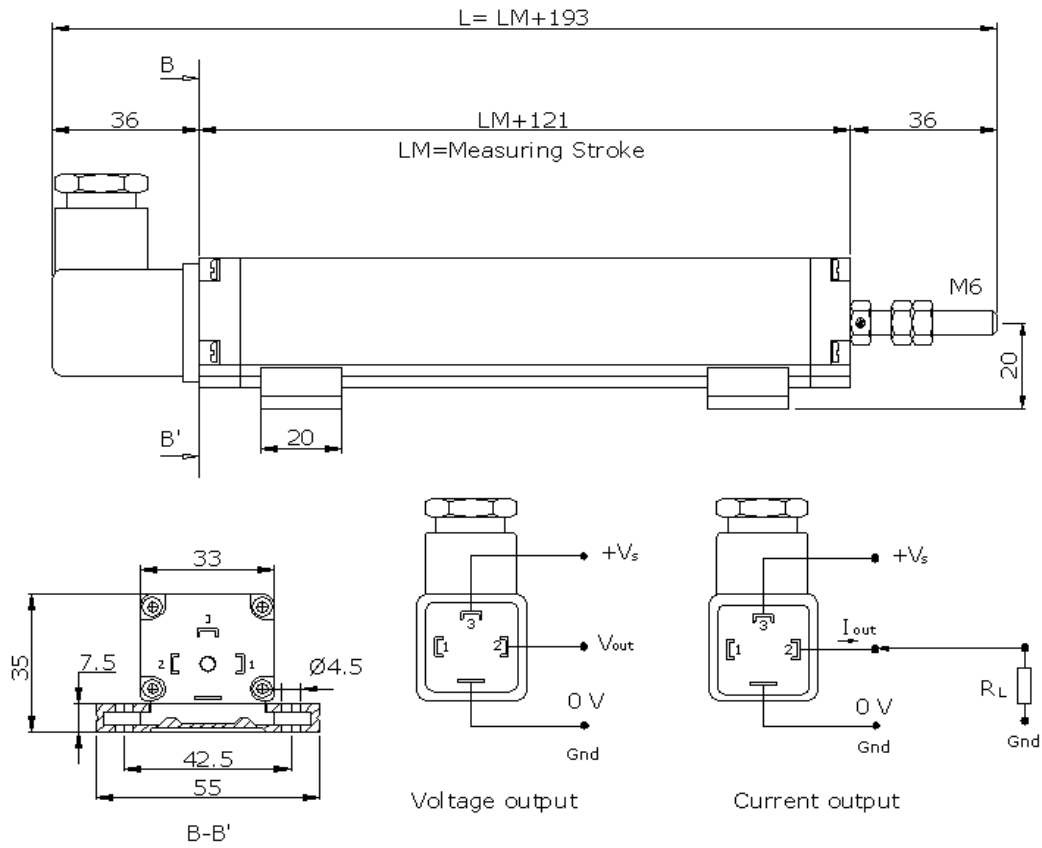
Specifications

Mechanical stroke	30mm to 1250mm
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	Variable brackets

Dimensions

Model	LM	Mechanical stroke (MS)	Electrical measuring stroke (EMS)	Total length (L)
LPT	30	32mm	30mm	173mm
LPT	50	52mm	50mm	193mm
LPT	100	102mm	100mm	243mm
LPT	125	127mm	125mm	268mm
LPT	130	132mm	130mm	273mm
LPT	150	152mm	150mm	293mm
LPT	175	177mm	175mm	318mm
LPT	200	202mm	200mm	343mm
LPT	225	227mm	225mm	368mm
LPT	250	252mm	250mm	393mm
LPT	275	277mm	275mm	418mm
LPT	300	302mm	300mm	443mm
LPT	325	327mm	325mm	468mm
LPT	350	352mm	350mm	493mm
LPT	375	377mm	375mm	518mm
LPT	400	402mm	400mm	543mm
LPT	450	452mm	450mm	593mm
LPT	500	502mm	500mm	643mm
LPT	550	552mm	550mm	693mm
LPT	600	602mm	600mm	743mm
LPT	650	652mm	650mm	793mm
LPT	700	702mm	700mm	843mm
LPT	750	752mm	750mm	893mm
LPT	800	802mm	800mm	943mm
LPT	850	852mm	850mm	993mm
LPT	900	902mm	900mm	1043mm
LPT	1000	1002mm	1000mm	1143mm
LPT	1250	1252mm	1250mm	1393mm

Mechanical dimensions



Optional connection

