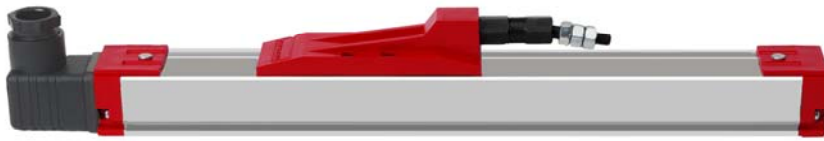


Resistive Linear Position Transducer



- Measuring range 100 mm – 1250 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

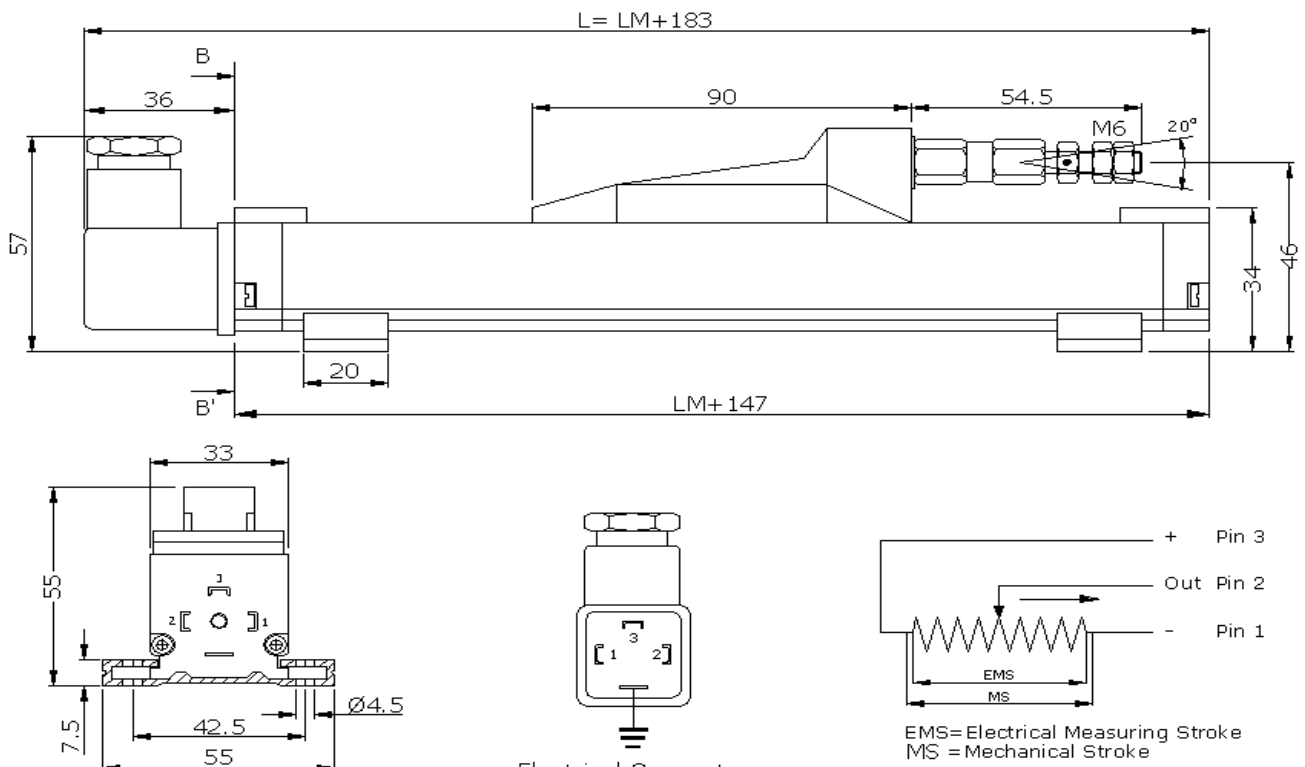
Specifications

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	100 to 1250 mm
Mechanical life	100 * 10 ⁶ Cycles
Displacement speed	≤ 5 m/s
Case material	Anodized aluminium
Mechanical fixing	Variable brackets
IP Degree	IP 40 - IP 53 (if mounted upside down)
Working temperature	- 20 / + 80 °C

Dimensions

Model	LM	Mechanical Stroke (MS)	Electrical Measuring Stroke (EMS)	Total Length (L)
LPH	100	102 mm	100 mm	283 mm
LPH	125	127 mm	125 mm	308 mm
LPH	150	152 mm	150 mm	333 mm
LPH	175	177 mm	175 mm	358 mm
LPH	200	202 mm	200 mm	383 mm
LPH	225	227 mm	225 mm	408 mm
LPH	250	252 mm	250 mm	433 mm
LPH	275	277 mm	275 mm	458 mm
LPH	300	302 mm	300 mm	483 mm
LPH	325	327 mm	325 mm	508 mm
LPH	350	352 mm	350 mm	533 mm
LPH	375	377 mm	375 mm	558 mm
LPH	400	402 mm	400 mm	583 mm
LPH	450	452 mm	450 mm	633 mm
LPH	500	502 mm	500 mm	683 mm
LPH	550	552 mm	550 mm	733 mm
LPH	600	602 mm	600 mm	783 mm
LPH	650	652 mm	650 mm	833 mm
LPH	700	702 mm	700 mm	883 mm
LPH	750	752 mm	750 mm	933 mm
LPH	800	802 mm	800 mm	983 mm
LPH	900	902 mm	900 mm	1083 mm
LPH	1000	1002 mm	1000 mm	1183 mm
LPH	1250	1252 mm	1250 mm	1433 mm

Mechanical Dimensions



Electrical Connector

EMS= Electrical Measuring Stroke
MS = Mechanical Stroke