OPKON
OPTIC ELECTRONIC LTD.

Model ELPT

Resistive Linear Position Transducer

- Measuring range 30 mm - 800 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

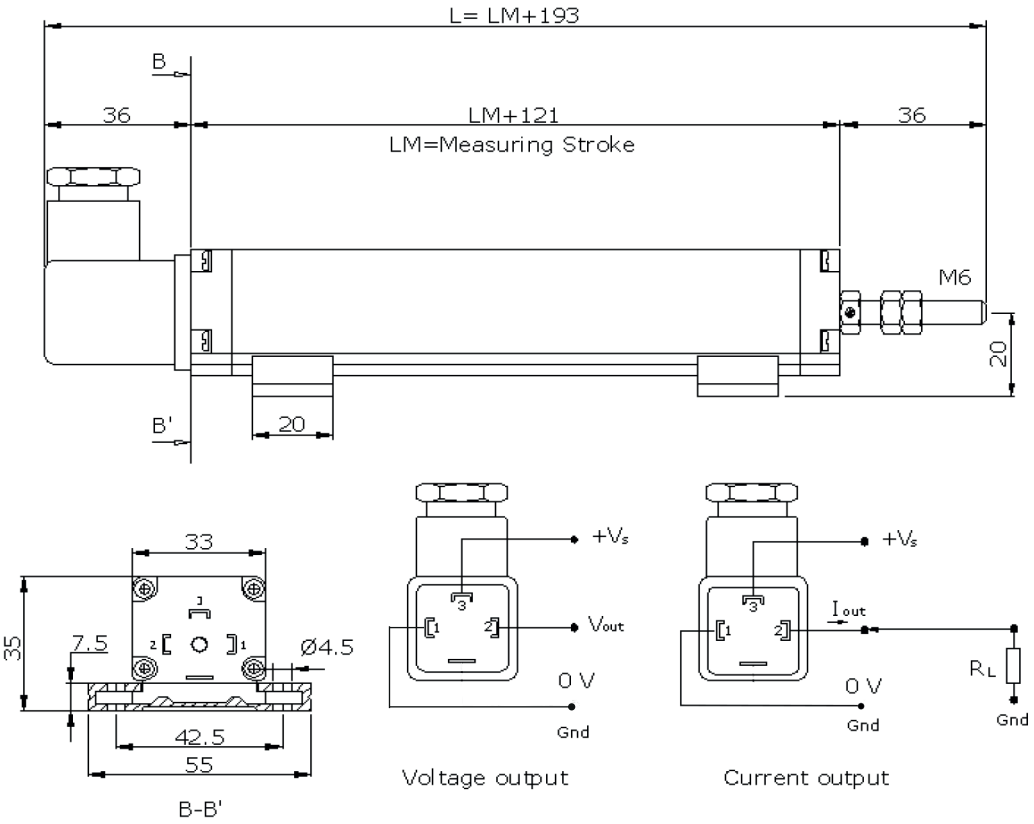
Specifications

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, Hydrolic type
Mechanical stroke	30 to 800 mm
Mechanical life	100 * 10^6 Cycles
Displacement speed	≤ 5 m/s
Rod diameter	6 mm
Rod material	Stainless steel
Case material	Anodized aluminium
Mechanical fixing	2 Ball joints
IP Degree	IP 67
Working temperature	- 20 / + 80 °C

Dimensions

Model	LM	Mechanical Stroke (MS)	Electrical Measuring Stroke (EMS)	Total Lengt (L)
ELPT	30	32 mm	30 mm	223 mm
ELPT	50	52 mm	50 mm	243 mm
ELPT	100	102 mm	100 mm	293 mm
ELPT	125	127 mm	125 mm	318 mm
ELPT	150	152 mm	150 mm	343 mm
ELPT	175	177 mm	175 mm	368 mm
ELPT	200	202 mm	200 mm	393 mm
ELPT	225	227 mm	225 mm	418 mm
ELPT	250	252 mm	250 mm	443 mm
ELPT	275	277 mm	275 mm	468 mm
ELPT	300	302 mm	300 mm	493 mm
ELPT	325	327 mm	325 mm	518 mm
ELPT	350	352 mm	350 mm	543 mm
ELPT	375	377 mm	375 mm	568 mm
ELPT	400	402 mm	400 mm	593 mm
ELPT	450	452 mm	450 mm	643 mm
ELPT	500	502 mm	500 mm	693 mm
ELPT	550	552 mm	550 mm	743 mm
ELPT	600	602 mm	600 mm	793 mm
ELPT	650	652 mm	650 mm	843 mm
ELPT	700	702 mm	700 mm	893 mm
ELPT	750	752 mm	750 mm	943 mm
ELPT	800	802 mm	800 mm	993 mm

Mechanical Dimensions



Optional Connection