SLPC

Linear Potentiometer
Slim Body Serie

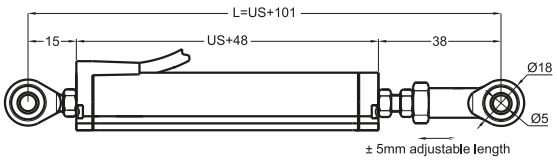
- Measuring range 10 - 300 mm
- Long mechanical life
- Excellent repeatability <0.01 mm
- Infinite resolution

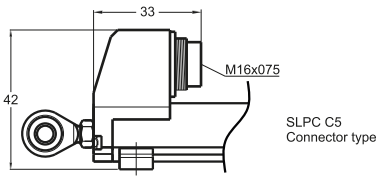
SLPC
Cable type

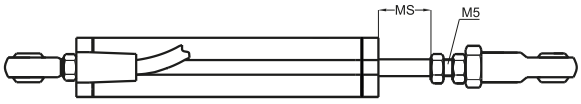
SLPC
Connector type

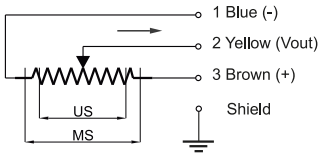
Technical specifications

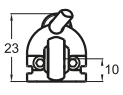
Measurement stroke	10 to 300 mm
Linearity	± %0,05 (>200mm), ±%0,1 (130-200mm), ±%0,2 (75 - 130mm), ±%0,5 (<75mm)
Repeatability	< 0,01 mm
Resolution	Infinite
Resistance	5 kOhm or 10 kOhm (2kOhm for 10-25mm)
Resistance tolerance	± %20
Load resistance	100 KOhm min.
Recommended cursor current	<1 µA
Permissible applied voltage	28 VDC max.
Electrical connections	Cable 1m or Connector output
Displacement speed	< 5 m/s
Mechanical life	100 million cycles
Case dimensions	Ø18 mm
Case material	Anodized aluminium
Rod material	Stainless steel
Rod diameter	Ø5 mm
Mechanical fixing	Ball joints on the both side
IP degree	IP 65
Operating temperature	-20°C ... +80°C
Storage temperature	-30°C ... +90°C

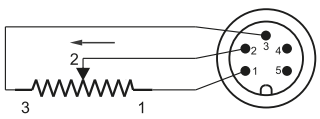












SLPC(mm)	10	25	50	75	100	125	150	175	200	250	300
US (Usefull Stroke)	10	25	50	75	100	125	150	175	200	250	300
MS (Mechanical Stroke)	13	28	53	78	103	128	153	178	203	253	303
L (Total Length)	111	126	151	176	201	226	251	276	301	351	401

Model		Measurement stroke (mm)	Linearity (%)	Resistance (KOhm)	Connector / Cable
(example)	SLPC	175	D	5K	1M
	SLPC	10 ... 300mm	D : ± %0,05 (>200mm) ± %0,1 (130-200mm) ± %0,2 (75-130mm) ± %0,5 (<75mm)	2K : 2 KOhm (10-25mm) 5K : 5 KOhm 10K : 10 KOhm 50 mm can be 2k or 5kOhm at order	1M : 1 meter cable (standard) 1M5 : 1,5 meter cable 2M : 2 meter cable C5 : Connector