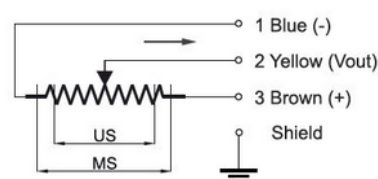
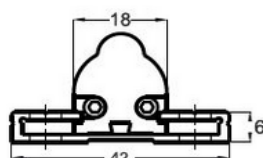
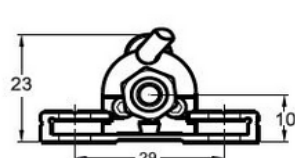
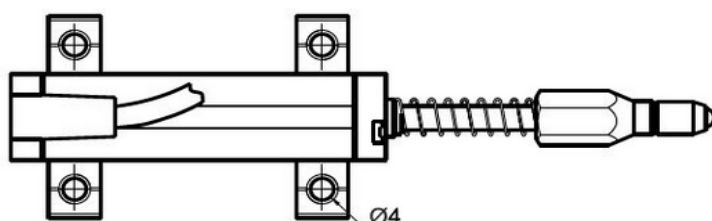
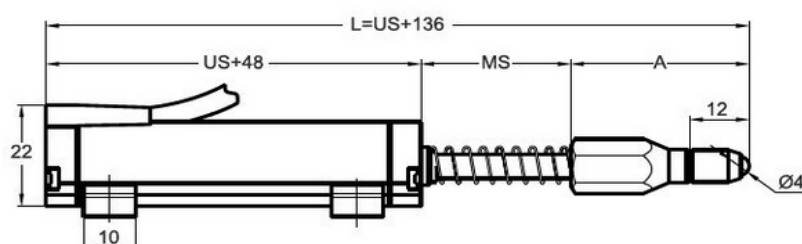


MSLPS

LINEAR POTENTIOMETERS SPRING RETURN SLIM BODY SERIES

The linear potentiometers MSLPS series allow measurement strokes up to 100 mm. They offer a great linearity as well as a long life and reliability.



MSLPS (mm)	10	25	50	75	100
US (Usefull stroke)	10	25	50	75	100
MS (Mechanical Stroke)	13	28	52	78	103
L (Total Length)	106	136	193	243	293
A (Ball head length)	35	35	42	42	42

Technical specifications	
Measurement stroke	10 to 100 mm
Independant linearity	$\pm 0,2 \%$ (75-100mm), $\pm 0,5 \%$ (<75mm)
Repeatability	< 0,01 mm
Resolution	Infinite
Resistance	2K or 5K Ohm
Resistance tolerance	$\pm 20 \%$
Load resistance	100K Ohm min.
Recommended cursor current	< 1 μ A
Permissible applied voltage	28V DC max.
Electrical connections	Cable 1m
Displacement speed	< 5 m/s
Mechanical life	100 million cycles
Case dimensions	$\varnothing 18$ mm
Case material	Anodized aluminium
Rod material	Stainless steel
Rod diameter	$\varnothing 5$ mm
Mechanical fixing	Variable brackets
IP degree	IP 65
Operating temperature	-20°C ... +80°C
Storage temperature	-30°C ... +90°C

Model	Measurement stroke (mm)	Linearity (%)	Resistance (Ω)	Connector / Cable
MSLPS	100	D	5K	1M
	10 ... 100 mm	D : Standard linearity	2K : 2 k Ω (10-50 mm) 5K: 5 k Ω (75-100mm)	1M : 1 meter cable 1M5 : 1,5 meter cable

→ Note : Fixing brackets included.