

# Linear Potentiometer Ultra Slim Body Series

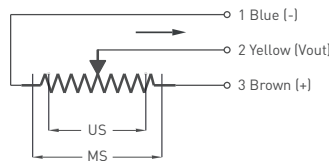
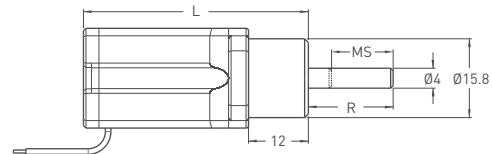
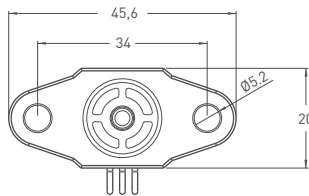
- Measuring range 10 - 25 mm
- <0.01 mm repeatability
- Infinite resolution
- 2 kOhm : 10 - 25 mm



### Technical Specifications

Measurement stroke	10 - 25 mm
Linearity	±%0.5 (≤75 mm)
Repeatability	< 0.01 mm
Resolution	Infinite
Resistance	2 kOhm : 10 - 25 mm
Resistance tolerance	± %20
Load resistance	100 kOhm min.
Recommended wiper current	<1 µA
Permissible applied voltage	28 VDC max.
Electrical connections	Cable output
Displacement speed	< 5 m/s
Mechanical life	50 million movement
Case diameter	46 mm x 20 mm
Case material	Plastic
Rod material	Stainless steel
Rod diameter	Ø4 mm
Mechanical fixing	Screw
Protection level	IP 65
Operating temperature	-20°C ... +80°C
Storage temperature	-30°C ... +90°C

### Mechanical Specifications



LRS (mm)	10	25
US (Usefull stroke)	10	25
MS (Mechanical stroke)	13	28
R (Rod length)	17	32
L (Total length)	45	60

### Ordering Procedure

Model	Measurement stroke (mm)	Linearity (%)	Resistance (kOhm)	Cable
LRS	25	A	2K	0M15
LRS	10 - 25 mm	A: ±%0.5 (≤75 mm)	2 kOhm : 10 - 25 mm	0M15 : 0.15 meter cable