

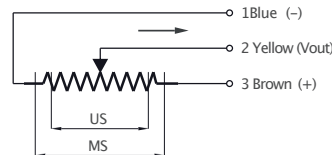
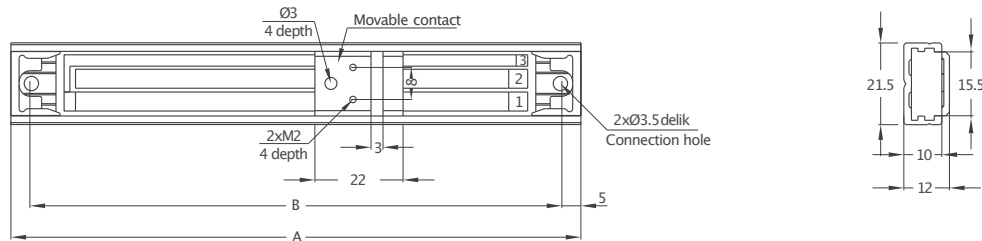
- Measuring range 50 – 1000mm
- 100million movements life
- Special teflon bearing system
- Infinite resolution
- 5 kOhm : 50 – 600 mm
- 10 kOhm : 650 – 1000mm



### Technical Specifications

Measurement stroke	50 – 1000 mm
Linearity	$\pm 0.05$ (>200mm), $\pm 0.1$ (130–200mm), $\pm 0.2$ (75–130 mm), $\pm 0.5$ (<75 mm)
Repeatability	<0.01 mm
Resolution	Infinite
Resistance	5 kOhm : 50 – 600 mm 10 kOhm : 650 – 1000mm
Resistance tolerance	$\pm 20$
Load resistance	100 kOhm min.
Recommended wiper current	<1 $\mu$ A
Permissible applied voltage	28 VDC max.
Electrical connections	4 pin hydraulic type connector
Displacement speed	<5 m/s
Mechanical life	100million movements
Case diameter	21,5 mm x 10 mm
Case material	Anodized aluminium
Operating temperature	-20°C ... +80°C
Storage temperature	-30°C ... +90°C

### Mechanical Specifications



MOPH (mm)	50	100	150	200	250	300	400	450	500	550	600	650	700	750	800	850	900	1000
A $\pm 1$	100	150	200	250	300	350	450	500	550	600	650	700	750	800	850	900	950	1050
B $\pm 05$	90	140	190	240	290	340	440	490	540	590	640	690	740	790	840	890	940	1040

### Ordering Procedure

Model	Measurement stroke (mm)	Linearity (%)	Resistance (kOhm)
MOPH	500	D	5K
MOPH	50 – 1000 mm	A: $\pm 0.5$ (<75 mm) B: $\pm 0.2$ (75–130mm) C: $\pm 0.1$ (130–200 mm) D: $\pm 0.05$ (>200mm)	5 kOhm : 50 – 600 mm 10 kOhm : 650 – 1000 mm