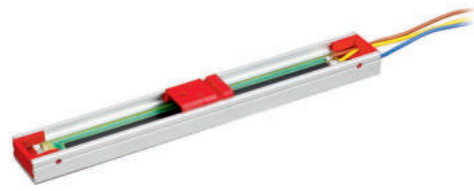


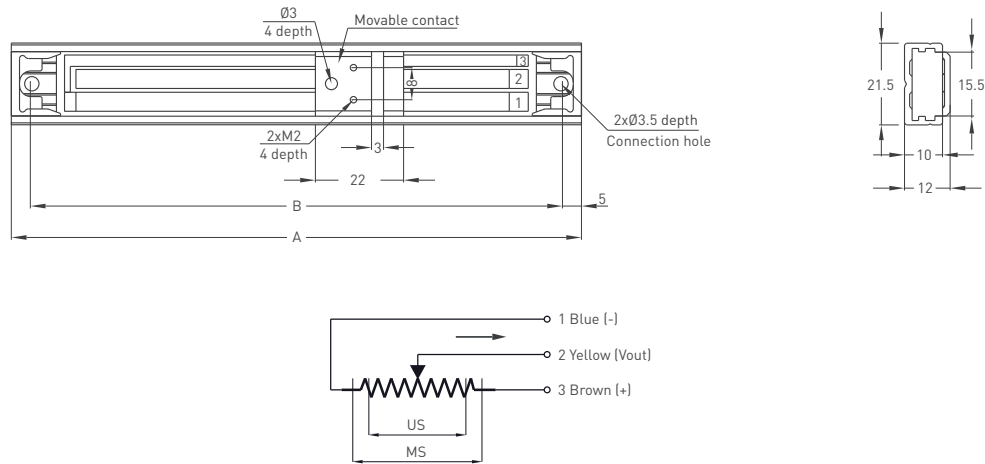
- Measuring range 50 - 1000 mm
- 100 million movements life
- Special teflon bearing system
- Infinite resolution
- 5 kOhm : 50 - 600 mm
- 10 kOhm : 650 - 1000 mm



Technical Specifications

Measurement stroke	50 - 1000 mm
Linearity	± 0.05 (≥ 225 mm), ± 0.1 (130-200 mm), ± 0.2 (100-125 mm), ± 0.5 (≤ 75 mm)
Repeatability	< 0.01 mm
Resolution	Infinite
Resistance	5 kOhm : 50 - 600 mm 10 kOhm : 650 - 1000 mm
Resistance tolerance	$\pm 20\%$
Load resistance	100 kOhm min.
Recommended wiper current	< 1 μ A
Permissible applied voltage	28 VDC max.
Electrical connections	Cable output
Displacement speed	< 5 m/s
Mechanical life	100 million 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



OPH (mm)	50	100	150	200	250	300	400	450	500	550	600	650	700	750	800	850	900	1000
A ± 1	100	150	200	250	300	350	450	500	550	600	650	700	750	800	850	900	950	1050
B ± 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)
OPH	500	D	5K
OPH	50 - 1000 mm	A: ± 0.5 (≤ 75 mm), B: ± 0.2 (100 - 125 mm), C: ± 0.1 (130 - 200 mm), D: ± 0.05 (≥ 225 mm)	5 kOhm : 50 - 600 mm 10 kOhm : 650 - 1000 mm