





## WL250

### Applications

- Medical apparatus for tumor treatment

### Features

- High life
- Excellent linearity up to  $\pm 0.25\%$
- Minimal space requirements
- Very good resolution, better 0.05mm

### Options

- Resistance tolerance  $\pm 10\%$
- Independent linearity  $\pm 0.25\%$
- Special electrical travel
- With cables or wires available

Subject to change  
without notice  
State: 27-Oct-2005

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Electrical Data		
Nominal resistance	1/5/10	kOhm
Resistance tolerance	$\pm 20$	%
Independent linearity	$\pm 1$	% of meas. range
Electrical travel	25	mm
Repeatability	0.05	mm
Temperature coefficient of the voltage divider	50	ppm/°C
Recommended wiper current	max. 1	$\mu A$
Max. wiper current in case of malfunction	10	mA
Power rating P	max. 0.5	W/40°C
Min. life (electrical)	5 Mio.	cycles
Mechanical Data		
Min. life (mechanical)	5 Mio.	cycles
Operating temperature	-25 ... +85	°C
Storage temperature	-25 ... +105	°C



<b>Electrical Data</b>		
Nominal resistance	1/5/10	kOhm
Resistance tolerance	±20	%
Independent linearity	±1	% of meas. range
Electrical travel	50	mm
Repeatability	0.05	mm
Temperature coefficient of the voltage divider	50	ppm/°C
Recommended wiper current	max. 1	µA
Max. wiper current in case of malfunction	10	mA
Power rating P	max. 0.5	W/40°C
Min. life (electrical)	5 Mio.	cycles
<b>Mechanical Data</b>		
Min. life (mechanical)	5 Mio.	cycles
Operating temperature	-25 ... +85	°C
Storage temperature	-25 ... +105	°C

## WL500

### Applications

- Medical apparatus for tumor treatment

### Features

- High life
- Excellent linearity up to ±0.25%
- Minimal space requirements
- Very good resolution, better 0.05mm

### Options

- Resistance tolerance ±10%
- Independent linearity ±0.25%
- Special electrical travel
- With cable or wires available

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<b>Electrical Data</b>		
Nominal resistance	1/5/10	kOhm
Resistance tolerance	±20	%
Independent linearity	±1	% of meas. range
Electrical travel	100	mm
Repeatability	0.05	mm
Temperature coefficient of the voltage divider	50	ppm/°C
Recommended wiper current	max. 1	µA
Max. wiper current in case of malfunction	10	mA
Power rating P	max. 0.5	W/40°C
Min. life (electrical)	5 Mio.	cycles
<b>Mechanical Data</b>		
Min. life (mechanical)	5 Mio.	cycles
Operating temperature	-25 ... +85	°C
Storage temperature	-25 ... +105	°C

## WL1000

### Applications

- Medical apparatus for tumor treatment

### Features

- High life
- Excellent linearity up to ±0.25%
- Minimal space requirements
- Very good resolution, better 0.05mm

### Options

- Resistance tolerance ±10%
- Independent linearity ±0.25%
- Special electrical travel
- With cables or wires available

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