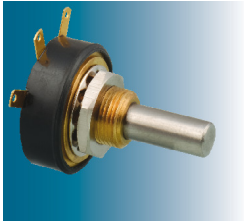


# RotaSet® Industrial Precision Single & 10 Turn Wire Wound Potentiometers

RotaSet® wirewound single & multiturn potentiometers can be used as preset & rotary position sensing devices. Wirewound potentiometers have a long tradition & are mostly used when a higher wiper current is required. Single turn wirewound potentiometers have many options such as special electrical & mechanical angles, endstops etc. Other features are standard. Precision multiturn potentiometers are generally available with 3 turn (1080°), 5 turn (1800°), 10 turn (3600°) electrical & mechanical angles. The advantage is that with special dial (see below) a very accurate setting is possible. They have an excellent electrical and mechanical resolution. Because of the large production in the world, today they are very economical.

## R22W/WC

### 22 mm Ø Wirewound Single Turn Precision Potentiometer



Link for dataheet :  
[www.megauto.de/en/r22w.pdf](http://www.megauto.de/en/r22w.pdf)

- Wire wound - mandrel winding
- Power rating : 1.5 Watt
- Eff. Electrical angle (°) : 320 ± 5
- Special shaft length, Rear shaft
- 1 - 4 sections (R22W/WC)
- Mechanical angle: With endstops - 320°(W) or continuous rotations - 360°(WC)
- Optional 270° for R22W

Types	R22W/WC
Resistance range (Ω)	100,200,500,1k,2k,5k,10k
Housing diameter (mm)	22
Shaft dia X length (mm)	6 Ø X 22
Bushing	M10 X 0.75
Resistance tolerance (%)	± 5
Linearity tolerance (%)	± 0.5
Rot. life (Rotations)	~ 400,000

## MRT25W/WC

### 22/25 mm Ø Wirewound Single Turn Precision Potentiometer



Link for dataheet :  
[www.megauto.de/en/mrt25w.pdf](http://www.megauto.de/en/mrt25w.pdf)

- Wire wound - mandrel winding
- Power rating : 1.5 Watt
- Eff. Electrical angle (°) : 320 ± 5
- Special shaft length, Rear shaft
- 1 - 4 sections (R22W/WC)
- Mechanical angle: With endstops - 320°(W) or continuous rotations - 360°(WC)
- Optional 270° for R22W

Types	MRT25W/WC
Resistance range (Ω)	100,200,500,1k,2k,5k,10k
Housing diameter (mm)	25
Shaft dia X length (mm)	6 Ø X 20
Bushing	M9 X 0.75
Resistance tolerance (%)	± 10
Linearity tolerance (%)	± 1
Rot. life (Rotations)	~ 300,000

## R25W/WC

### 25 mm Ø Wirewound Single Turn Precision Potentiometer



Link for dataheet :  
[www.megauto.de/en/r25w.pdf](http://www.megauto.de/en/r25w.pdf)

- Wire wound - card winding
- Resistance tolerance : 10%
- Immediate delivery
- Good Power rating, low cost
- Designed for manual setting
- Electrical angle 270°
- Manual operation 270° with endstop (W) & 360° without endstop (WC)

Types	R25W/WC
Resistance range (Ω)	100, 500, 1K, 2K, 5K, 10K
Shaft dia X length (mm)	6.35Ø X 25
Bushing threads	3/8" X 32 TPI
Linearity tolerance (%)	±1.5
Power rating (Watt)	1
Mechanical angle (°)	285(W) 360(WC)

## R40W/WC

### 40 mm Ø Wirewound Single Turn Precision Potentiometer



Link for dataheet :  
[www.megauto.de/en/r40w.pdf](http://www.megauto.de/en/r40w.pdf)

- Wire wound - card winding
- Resistance tolerance : 10%
- Immediate delivery
- Good Power rating, low cost
- Designed for manual setting
- Electrical angle 270°
- Manual operation 270° with endstop (W) & 360° without endstop (WC)

Types	R40W/WC
Resistance range (Ω)	100, 500, 1K, 2K, 5K, 10K
Shaft dia X length (mm)	6.35Ø X 25
Bushing threads	M10 X 0.75
Linearity tolerance (%)	±1.5
Power rating (Watt)	3
Mechanical angle (°)	285(W) 360(WC)
Rot. life (Rotations)	~ 100,000