



SOUNDWELL®

# Conductive Plastic Potentiometer

Integrated module, sensor, encoder, potentiometer, switch customization manufacturer.

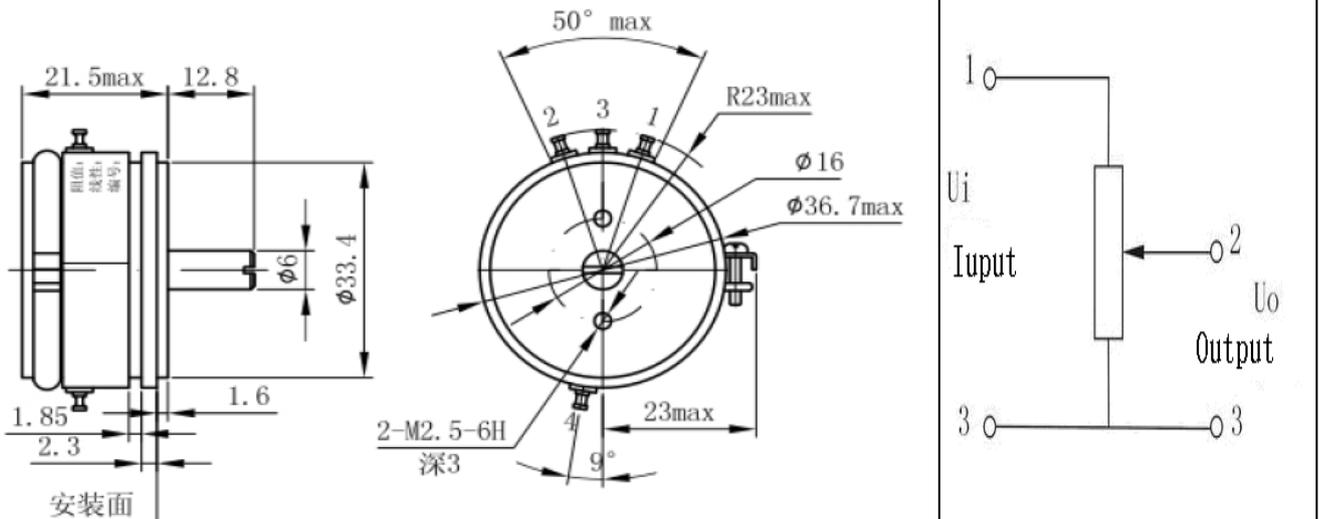
## MODEL:WDD35SC



### Feature:

- Precision linear
- Long mechanical life
- High resolution
- Small dynamic noise
- Convenient and reliable installation

### Standard Dimensions



### General Specifications

Electrical		Mechanical	
Standard Resistance	1K $\Omega$ 、2K $\Omega$ 、3K $\Omega$ 、5K $\Omega$ 、10K $\Omega$	Mechanical Travel	360° (endless)
Resistance Tolerance	$\pm 15\%$	Starting Torque	$\leq 10 \times 10^{-4}$ N.M
Independent Linearity	0.5%、1%	Environmental	
Electrical Travel	156° $\times$ 2	Life Expectancy	50*10 <sup>6</sup> cycle
Power Rating	2W (70°C)	Operating	-55°C ~ +125°C
Resist.Temperature Coefficient	$\leq \pm 0.04\%/^{\circ}\text{C}$	Vibration	15G 2000Hz
Insulation Resistance	$\geq 1000\text{M}\Omega$ (500V.D.C)	Shock	50G 11ms
Dielectric Strength	1000V (AC.RMS) 1min		
Output smoothness	$\leq \pm 0.1\%$		

### Special Specifications Available

Shaft Length, Diameter, stopper, special electrical travel, Special machining on the shaft.