

**Very Low Cost Panel Controller**

- $\pm 1\%$  Linearity Tolerance
- $\pm 10\%$  Resistance Tolerance
- 100 ohms to 10K ohms Values
- 50,000 Turns Life



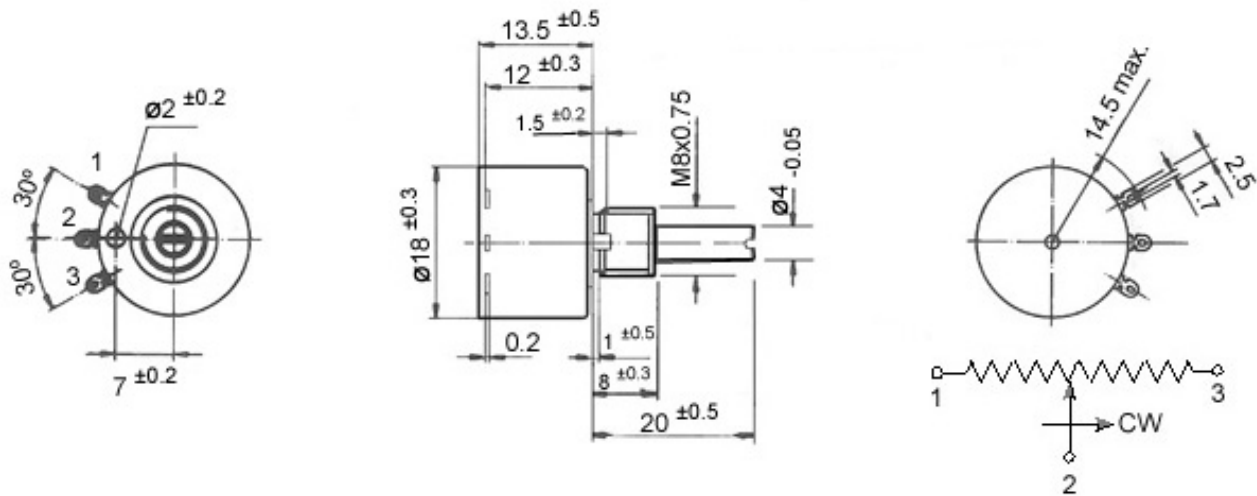
**Very good linearity and resistance tolerance at a very low cost makes this industrial grade potentiometer an ideal choice for manual control applications. Some options available.**

Electrical Specifications		
Electrical Angle		300° $\pm 10^\circ$
Resistance Value	(ohms)	100 ~ 10k
Resistance Tolerance		$\pm 10\%$ ( $\pm 5\%$ opt.)
Linearity Tolerance	(std.)	$\pm 1\%$
Linearity Tolerance	(opt.)	$\pm 0.75\%$
Power @ 40°C	(W)	2.0
Insulation Resistance		750 Mohm @ 500 VDC
Dielectric Strength		750 VAC
Mechanical Specifications		
Mechanical Angle		300° $\pm 10^\circ$
Maximum Operating Friction		1.5 Oz-in.
Life Expectancy		50,000 cycles
Housing Diameter		25mm (1")
Bearing		sleeve
Environmental Specifications		
Operating Temperature		-30°C to +85°C
Standards		IEC 393
Protection Grade		IP40
Materials		
Housing		Thermoplast
Shaft		Nickel plated
Bushing		Nickel plated
Terminals		Solderable

## Resolution Chart

Resistance Value (ohms)	Resolution (%)
100	0.695
200	0.480
500	0.590
1K	0.462
2K	0.332
5K	0.238
10K	0.220

## Dimensions (mm)



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