

Low Cost - IP65 Protection

- All Purpose Panel Controller
- 100,000 Turns Life
- High Resolution
- 50 to 20K Ohms Resistance Values

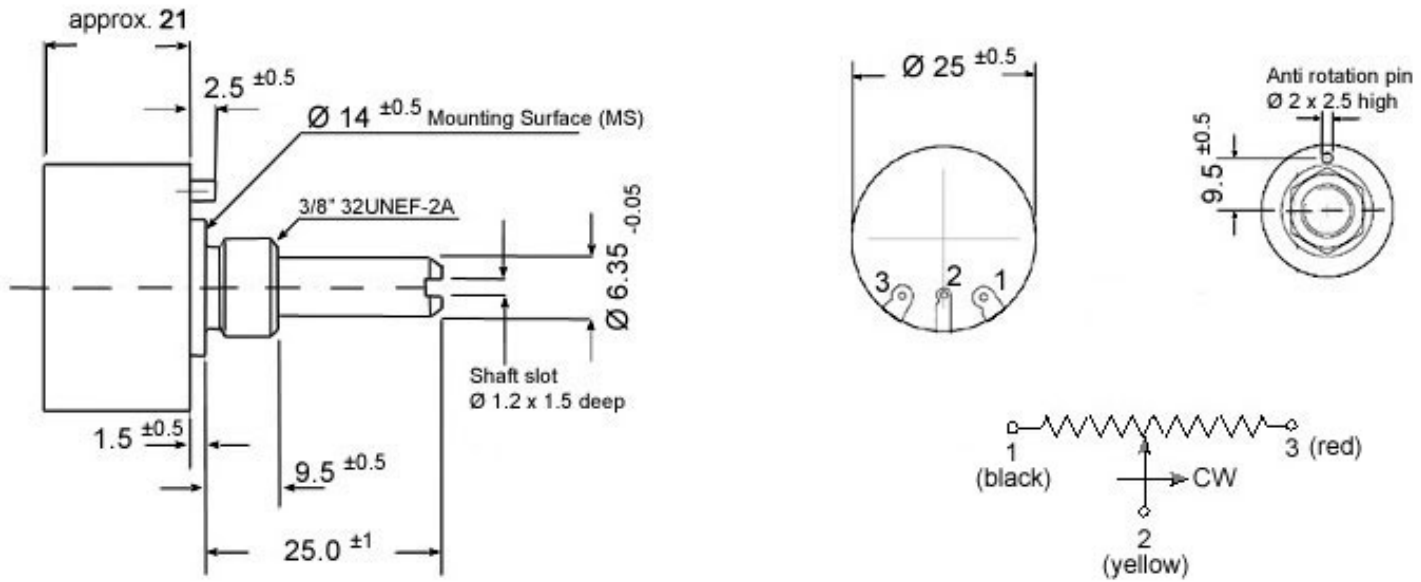
General purpose R25W wire-wound controller series with IP65 sealing. Shaft is o-ring sealed and rear lid is epoxy sealed. Type RCT features standard terminal pins for soldering, type RCWT features a 12" three conductor cable.

Electrical Specifications	R25W (RCT) (RCTW)	R25WC (RCT) (RCTW)
Electrical Angle	270 ±5°	
Resistance Value (ohms)	50 ~ 20k	
Resistance Tolerance	±10%	
Linearity Tolerance (std.)	±1%	
Linearity Tolerance (best)	±0.75%	
Power @ 40°C (W)	1.0	
Insulation Resistance	1000 Mohm @ 500 VDC	
Dielectric Strength	1 minute @ 500 VAC	
Noise	<100 ohms ENR	
Mechanical Specifications		
Mechanical Angle	285° ±5°	360° (continuous)
Life Expectancy	100,000 cycles	
Bearing	sleeve	
Environmental Specifications		
Operating Temperature	-30°C to +85°C	
Protection Grade	IP65	
Materials		
Housing	Engineered plastic	
Shaft	Nickel plated brass	
Bushing	Nickel plated brass	
Terminals	RCT: Brass plated RCTW: 3 conductor cable, 12"	

Resolution Chart

Resistance Value	Resolution (%)
50	0.690
100	0.560
200	0.520
500	0.390
1k	0.260
2k	0.220
5k	0.170
10k	0.150
20k	0.110

Dimensions (mm)



Options

- Special shaft machining
- Special resistance values
- Custom operating angles
- Custom cabling

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