

Low Cost Precision Range - IP65 Sealed

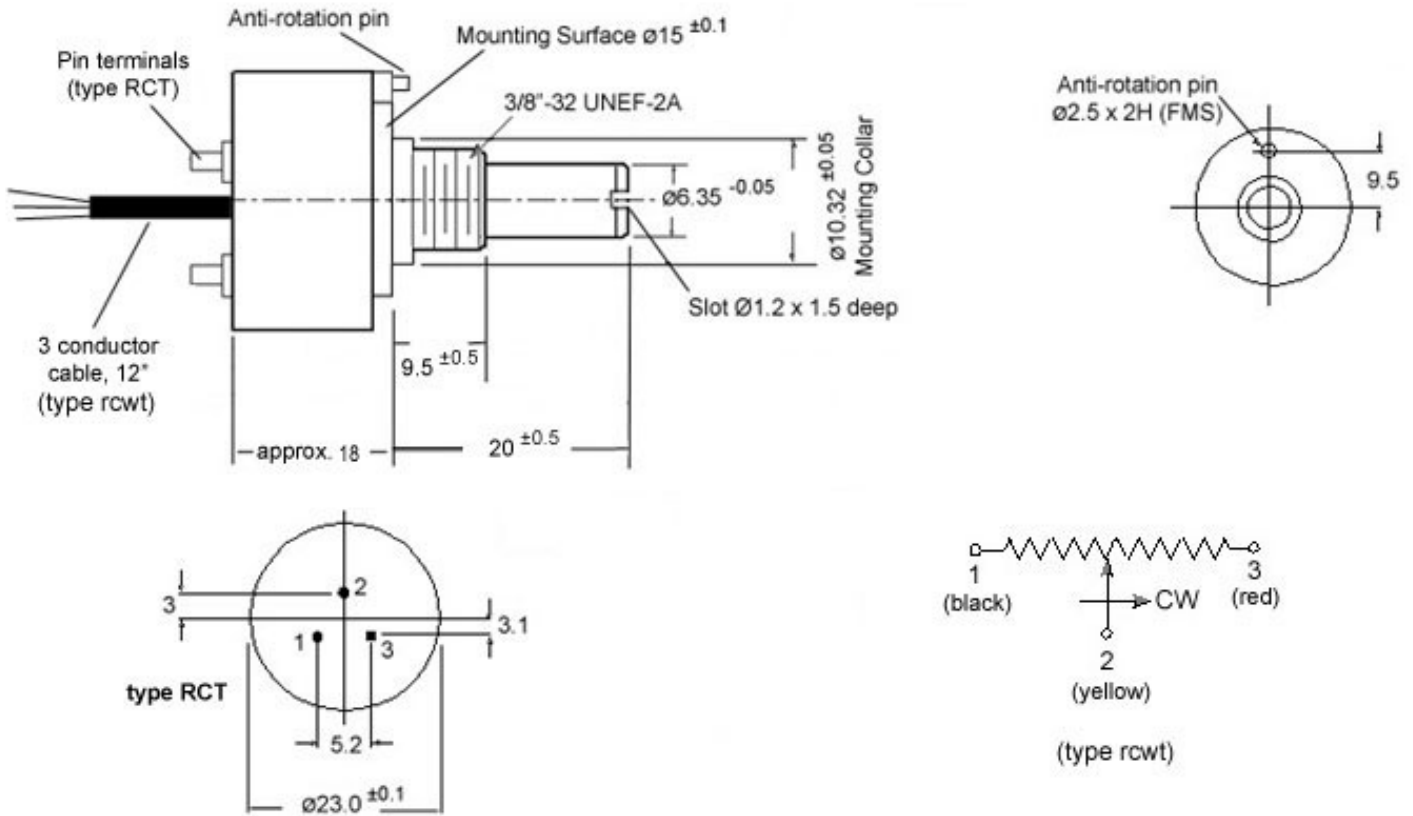


- Industry Standard Dimensions
- 4,000,000 Turns Life
- Infinite Resolution
- 1K to 100K ohms Resistance Values

Our popular R23P 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	R23P (RCT, RCWT)	R23PC (RCT, RCWT)
Electrical Angle	320 ±4°	340 ±4°
Resistance Value (ohms)	1k...100k	
Resistance Tolerance	±20% (±10% opt.)	
Linearity Tolerance (std.)	±2%	
Linearity Tolerance (best)	±1%	
Resolution	Essentially infinite	
Wiper Current	1 mA	
End Resistance	< 0.5%	
Power @ 70°C (W)	1.0	
Insulation Resistance	1000 Mohm @ 500 VDC	
Dielectric Strength	1 minute @ 500 VAC	
Temperature Coefficient	±400 ppm/deg.C	
Mechanical Specifications		
Mechanical Angle	330° ±5°	360° (continuous)
Maximum Operating Friction	0.3 Oz-in.	
Life Expectancy	4,000,000 turns	
Bearing	sleeve	
Environmental Specifications		
Operating Temperature	-55°C to +105°C	
Protection Grade	IP65	
Materials		
Housing	Engineered plastic	
Shaft	Stainless steel	
Bushing	Nickel plated brass	
Terminals	Type RCT: Brass, gold plated (turret type) TYPE RCWT: 3 conductor 12" wire leads	

Dimensions (mm)



Options

- Special shaft machining
- Special resistance values
- Special operating angles
- Center tapped element
- Custom cabling

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