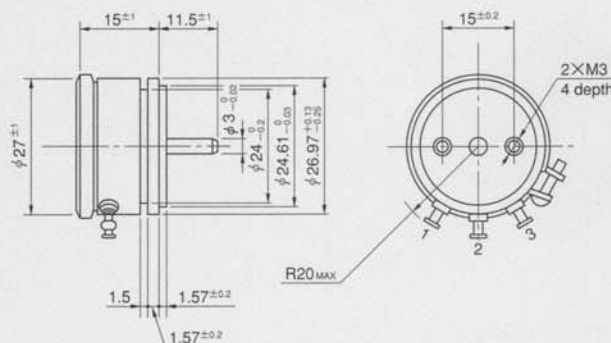




Model CP30

● Standard Dimensions



● General Specifications

Standard Resistance Range:	50 Ω to 20k Ω	Noise:	Below 100 Ω E.N.R.
Max. Practical Resistance Value:	50k Ω	Electrical Travel:	355° ±5°
Total Resistance Tolerance:	Standard Class ±3% (H) Precision Class ±1% (F)	Mechanical Travel:	360° (Endless)
Independent Linearity Tolerance:	Standard Class ±0.5% Precision Class ±0.15% (±0.2% in case of below 5k Ω)	Insulation Resistance:	Over 1,000M Ω at 1,000V.D.C.
Power Rating:	0.75W	Dielectric Strength:	1 minute at 1,000V.A.C.
		Starting Torque:	Below 2mN · m (20gf · cm)
		Max. Working Voltage:	250V
		Resist. Temperature Coefficient of Wire:	±20p.p.m./°C
		Mass:	Approx. 30g

● Standard Resistance Values ■ No. of Wire Turns ■ Resistance Wire Used

Resist. Value (Ω)	50	100	200	500	1k	2k	5k	10k	20k	※50k
No. of Wire Turns	310	390	500	420	600	770	1,090	1,400	1,800	2,670
Resist. Wire Used	Cu-Ni System			Ni-Cr System						

Note: Mark ※ shows value at special higher practical resistance.

● **Special Specifications Available**

Lower resistance values (10 Ω , 20 Ω), Extra taps (Available up to 3 taps), Multi-ganged (Available up to 5 gangs). Housing length is extended by 8.5mm per gang), Shaft with front and rear extension (Rear shaft with 3mm dia. and 10mm length), With stopper (Rotating angle becomes 330° and stopper strength is 0.3N·m [3kgf·cm]), Special electrical travel, Shaft dia. (ϕ 3.175mm) with inch dimensions, Special machining on the shaft.