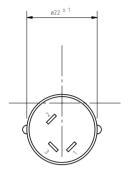
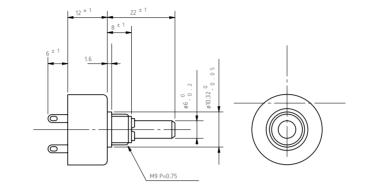




α CP22C

Standard dimensions







Model CP22C (Metal Housing)

Note: 1. 1pc. Each inner teeth washer and hex nut are attached.

2. Please process the mounting hole on the panel to be mounted with this potentiometer by the diameter of 10.32mm

General Specifications

Standard Resistance		Noise:	Within 100Ω E.N.R.
Range:	50Ω to 10kΩ	Electrical Travel:	355° ±5°
Max. Practical		Mechanical Travel:	360° (Endless)
Resistance Value:	20kΩ	Insulation Resistance:	Over 1,000MΩ at 1,000 V.D.C
Total Resistance		Dielectric Strength:	1 minute at 1,000 V.A.C.
Tolerance:	Standard Class ±3%(H)	Starting Torque:	Within 5mN•m (50gf•cm)
	Precision Class $\pm 1\%(F)$	Resist. Temperature	
Independent Linearity		Coefficient of Wire:	±20p.p.m./°C
Tolerance:	Standard Class ±0.5%	Mass:	Approx. 30g
	Precision Class $\pm 0.25\%$		
	(±0.35% in case of within 1kΩ)		
Power Rating:	0.5W		

Standard Resistance Values | No. Of Wire Turns | Resistance Wire Used

Resist. Value (Ω)	50	100	200	500	1k	2k	5k	10k	🔆 20k
No. Of wire turns	300	370	470	450	570	740	1,000	1,270	1,670
Resist. Wire used	Cu-Ni System			Ni-Cr System					

Note: Mark 🔆 shows value at special higher practical resistance

Special Specifications Available

Lower resistance values $(10\Omega, 20\Omega)$, extra taps (available up to 1 taps), shaft with front and rear extension (rear shaft with 3mm dia. and 20mm length), with stopper (rotating angle becomes 320° and stopper strength is 0.9N·m [9kgf·cm]), special electrical travel, shaft dia. (ϕ 6.35mm) with inch dimensions, special machining on the shaft.

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The information provided herein is to the best of our knowledge true and accurate, it is provided for guidance only. All specifications are subject to change without prior notification. Althen – Your expert partner in Sensors & Controls | althensensors.com

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Germany/Austria/Switzerland info@althen.de

Benelux sales@althen.nl France info@althensensors.fr Sweden info@althensensors.se

USA/Canada info@althensensors.com Other countries info@althensensors.com