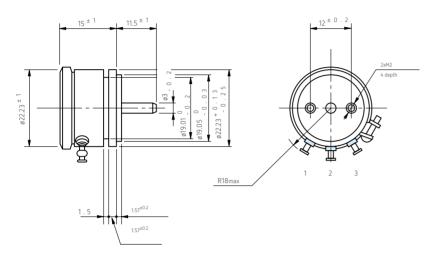




CP22

Standard dimensions





Model CP22

General Specifications

Standard Resistance

Range: 50Ω to $10k\Omega$

Max. Practical

Resistance Value: 20kΩ

Total Resistance

Tolerance: Standard Class ±3%(H)

Precision Class ±1%(F)

Independent Linearity

Tolerance: Standard Class ±0.5%

Precision Class ±0.2%

(±0.3% in case of within 1k Ω)

Power Rating: 0.5W

Noise: Within 100Ω E.N.R. Electrical Travel: $355^{\circ} \pm 5^{\circ}$

Mechanical Travel: 355° ±5°

Mechanical Travel: 360° (Endless)

Insulation Resistance:Over 1,000MΩ at 1,000 V.D.CDielectric Strength:1 minute at 1,000 V.A.C.Starting Torque:Within 1.5mN·m (15gf·cm)

Coefficient of Wire: ±20p.p.m./°C Approx. 15g

Resist. Temperature

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	3 0 0	3 7 0	4 7 0	4 5 0	5 7 0	7 4 0	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 (10Ω , 20Ω), extra taps (available up to 2 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. (\emptyset 3.175mm) 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 quidance only. All specifications are subject to change without prior notification.

Althen stands for pioneering measurement and custom sensor solutions. In addition we offer services such as calibration, design & engineering, training and renting of measurement equipment.

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