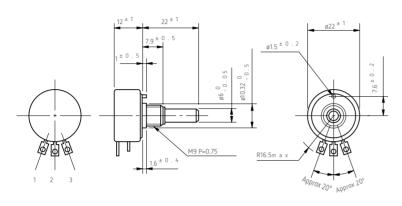




CP22E

Standard dimensions





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

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 ±0.25%

 $(\pm 0.35\%$ in case of within $1k\Omega)$

Power Rating: 0.5W

Noise: Within 100Ω E.N.R.

Electrical 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 5mN·m (50qf·cm)

Resist. Temperature

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

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	470	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 1 tap), shaft with front and rear extension (rear shaft with 6mm dia. and 20mm length), multi-ganged (available up to 10 gangs), with stopper (rotating angle becomes 320° and stopper strength is 0.6N·m [6kgf·cm]), special electrical travel, shaft dia. (\emptyset 6.35mm) bushing 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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