

Panel Potentiometer

Model P232 / P233



Features:

- 24 mm rotary
- Sealed / dust proof
- Long life element
- 2 million cycle life
- Metal shaft / bushing



Model Styles Available

Side Adjust, Solder Lugs, Single-Gang	P232
Side Adjust, Solder Lugs, Dual-Gang	P233

Electrical

Resistance Range, Ohms	1K-1M (for "B" taper) 5k-1M (for other tapers)
Standard Resistance Tolerance	±10% ($\leq 500\Omega$ or $\geq 1 \text{ Meg } \Omega$, = ±20%)
Residual Resistance	3 ohms max.
Input Voltage, Maximum	200 Vdc max.
Power rating, Watts	0.5W- B taper, .03W- others
Dielectric Strength	500Vac, 1 minute
Insulation Resistance, Minimum	100M ohms at 1,000Vdc/ 1 minute
Peak Noise (Contact Resistance Variation) @ 6 rpm	±3% max.
Linearity	±3% max.
Actual Electrical Travel, Nominal	280°
Gang Error	±3dB (-40dB to 0dB)

Mechanical

Total Mechanical Travel	300°± 5°
Static Stop Strength, Minimum	120 oz-in
Rotational Torque, Maximum, Single Gang (P232)	1.5 oz-in
Rotational Torque, Maximum, Dual Gang (P233)	3.0 oz-in

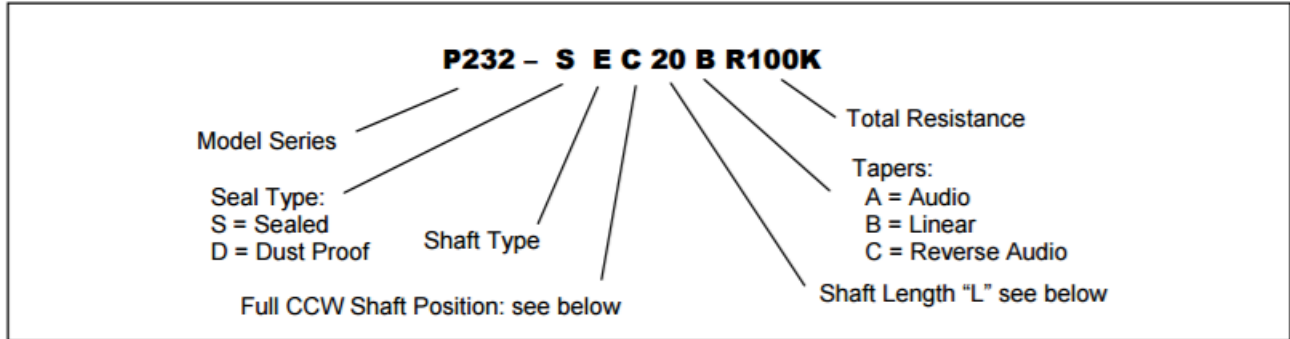
Environmental

Operating Temperature Range	-10°C to +85°C
Rotational Life	2,000,000 cycles

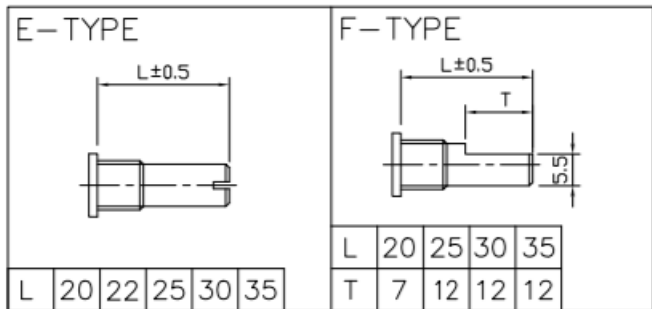
General Note

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Ordering

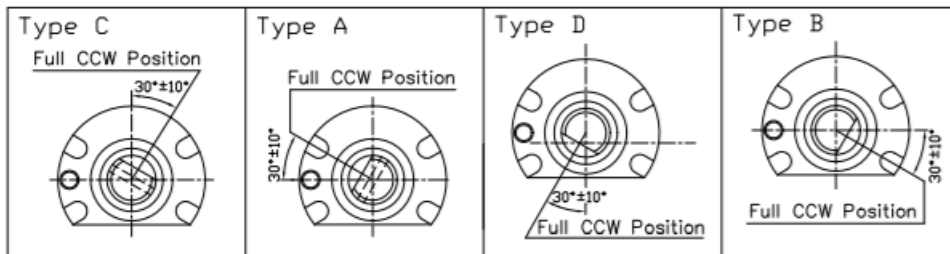


Shaft Types



Shaft Position (F-Type Shaft)

Dashed lines on Type "C" and Type "A" shows position of adjustment slot for E-Type shaft

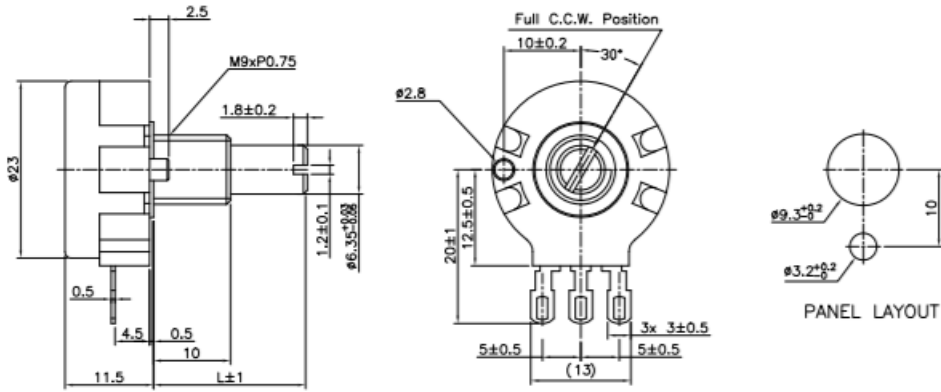


STANDARD RESISTANCE VALUES, OHMS

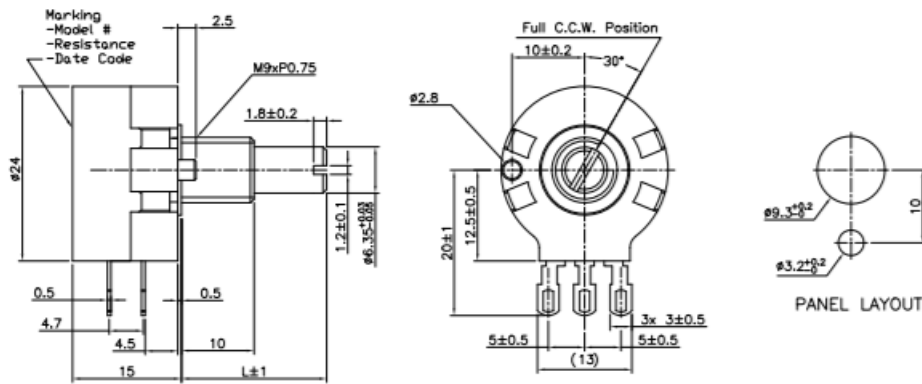
500 1K 2K 5K 10K 20K 50K 100K 200K 500K 1 M

Outline Drawings

Model P232

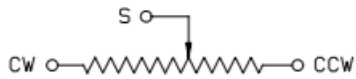


Model P233

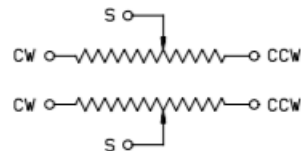


CIRCUIT DIAGRAM

P232 (Single gang)



P233 (Dual gang)



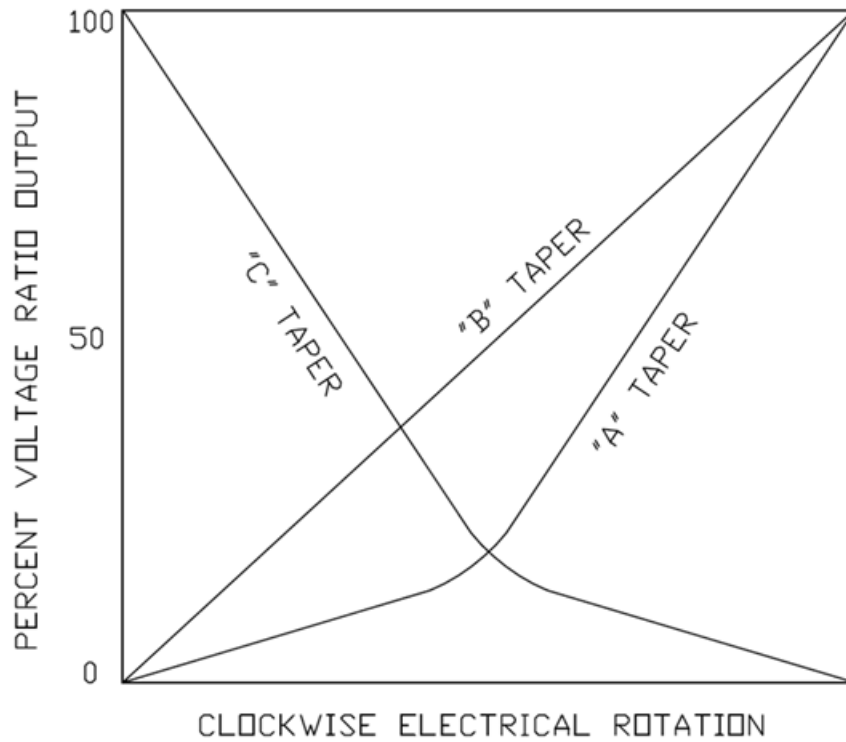
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