

Potentiometers : Bush Mount

Precision conductive plastic rotary potentiometers offers wide range of low to medium priced potentiometers. Following bushing threads are available : M6X0.75 / M9X0.75 / M10X0.75 / 3/8"X32TPI. Bushings with sleeve bearings are available with shaft diameters of 1/8" & 6mm. The resistance track is manufactured by modern screen printing technology in conductive plastic potentiometers. Special resistive pastes are applied on carrier. After printing the paste is hardened in a special conveying oven. These potentiometers are in 12, 22, 23 & 24 mm housing diameter. Carbonplast potentiometers are available in 16 & 24 mm housing diameters. Dual gang and with switch options are also available.

CP12B



Link for dataheet :
www.megauto.de/en/cp12b.pdf

12 mm Ø Precision Conductive Plastic Potentiometer Single Turn Bushing Mount - Metal Case

- Miniature type, good lifetime
- 12 mm Ø, Metal housing
- Good linearity tolerance
- Bushing - M6 X 0.75
- Operating temperature :
- 40° to +85°C
- Suitable for mobile sensor, medical equipment & industrial applications.

Type	CP12B (Bush)
Housing diameter (mm)	12
Shaft dia X length (mm)	3.17 Ø x 17
Resistance range (Ω)	1k,5k,10k
Resistance tolerance	± 20%
Linearity tolerance (%)	± 2 ; 1.5% (optional)
Power rating (Watt)	0.7
Elec./Mech.angle (°)	300±5 /360
Rotary Life (Rotations)	~ 3 million

JSM22B



Link for dataheet :
www.megauto.de/en/jsm22b.pdf

22 mm Ø Precision Conductive Plastic Potentiometer Single Turn Bushing Mount - Metal Case

- Very Economical, Metal case
- Bushing mount
- Bushing - M10X0.75 (JSM22B)
- Rotational torque : 0.2 - 2 Ncm
- Operating temperature:
-55°C - +105°C
- Optional linearity : 0.5, 1%
- Can be used in feedback application.

Type	JSM22B (Bush)
Housing diameter (mm)	22
Bearing	Sleeve
Shaft dia X length (mm)	6 Ø X 22
Resistance range (Ω)	1k,5k,10k ± 20%
Linearity tolerance (%)	± 1.5 ; 1% (optional)
Power rating (Watt)	1
Elec./Mech. angle (°)	340±5 /360
Rotary Life (Rotations)	~ 5 million

C16P



Link for dataheet :
www.megauto.de/en/c16p.pdf

16 mm Ø Semi - Precision Carbonplast Single Turn Potentiometer

- Very low cost industrial high resolution setting and sensing potentiometer for limited rotational life, with endstops.
- A new Carbonplast paste formulation for improved operating life.
- Resistance value (Ω) : 1K,5K,10K
- Resistance tolerance : ±20%
- Operating temperature : -10° to 85° C

Type	C16P
Housing diameter	16 mm Ø
Bushing size	M6 X 0.75
Shaft dia. X length	3.2mm Ø X 20
Linearity tolerance	±2%
Eff.Elec. angle (°)	230±10
Mechanical angle (°)	260±5
Rated wattage	0.25 Watt
Rot. Life (Rotations)	~ 250,000

C24P

24 mm Ø Semi - Precision Carbonplast Single Turn Potentiometer



Link for dataheet :
www.megauto.de/en/c24p.pdf

- Very low cost industrial high resolution setting and sensing potentiometer for limited rotational life, with endstops.
- A new Carbonplast paste formulation for improved operating life.
- Resistance value (Ω) : 1K,5K,10K
- Resistance tolerance : $\pm 20\%$
- Operating temperature : -10° to 85° C
- Options : Special shaft length, Radial terminals, Dual ganged.

Type	C24P
Housing diameter	24mm Ø
Bushing size	M9 X 0.75
Shaft dia. X length	6mm Ø X 20
Linearity tolerance	$\pm 2\%$
Eff.Elec. angle ($^\circ$)	270 ± 10
Mechanical angle ($^\circ$)	300 ± 5
Rated wattage	0.5 Watt
Rot. Life (Rotations)	~ 600,000

2C24P

24 mm Ø Semi Precision Carbonplast Potentiometer Dual ganged



Dual ganged

Link for dataheet :
www.megauto.de/en/2c24p.pdf

- Low cost industrial high resolution setting and sensing potentiometer for limited rotational life.
- A new carbonplast paste formulation for improved operating life.
- Dual ganged

Type	2C24P
Housing dia.	24 Ø mm
Bushing size	M9 X 0.75
Linearity Tol. (%)	± 2
Shaft dia. X length	6mm Ø X 20
Eff. elec. angle ($^\circ$)	270 ± 10
Mech.angle ($^\circ$)	300 ± 5
Rated wattage	0.5 Watt
Rot. Life (Rotations)	~ 600,000

C24PS

24 mm Ø Semi Precision Carbonplast Potentiometer with Switch



Switching circuit with Integrated S.P.D.T switch at starting point.

Link for dataheet :
www.megauto.de/en/c24ps.pdf

- Low cost industrial high resolution setting and sensing potentiometer for limited rotational life.
- Switching circuit with Integrated S.P.D.T. switch at starting point (for C24PS).
- A new carbonplast paste formulation for improved operating life.

Type	C24PS
Housing dia.	24 Ø mm
Bushing size	M9 X 0.75
Linearity Tol. (%)	± 2
Shaft dia. X length	6mm Ø X 20
Eff. elec. angle ($^\circ$)	230 ± 10
Mech.angle ($^\circ$)	300 ± 5
Rated wattage	0.5 Watt
Rot. Life (Rotations)	~ 600,000

R22NP/PC

22 mm Ø Precision Single Turn Conductive Plastic Potentiometer With Endstop (R22NP) & Without Endstop (R22NPC)

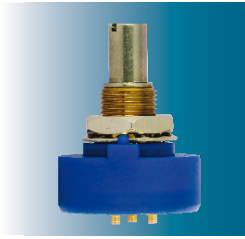


Link for dataheet :
www.megauto.de/en/r22np.pdf
www.megauto.de/en/r22npc.pdf

- Low cost precision potentiometer
- Industrial standard for setting and sensing applications.
- Almost infinite resolution available
- Resistance value(Ω):1K,5K,10K $\pm 20\%$
- Linearity tolerance : 1.5%
- Power rating : 1 Watt
- Operating temperature : -55° to 105° C
- Center tap, special torque.
- Rotational life : ~ 3 million rotations

Type	R22P/PC
Housing dia. / Material	22mm / Metal
Bushing	3/8" X 32 TPI
Shaft dia. X length	6.35mm Ø X 22
Eff.Electrical angle ($^\circ$)	340 (R22NP) 340 (R22NPC)
Mechanical angle ($^\circ$)	340 (R22NP) 360 (R22NPC)
Antirotation pin (mm)	1.5 Ø X 1.5

R23NP/PC



Link for dataheet :
www.megauto.de/en/r23np.pdf
www.megauto.de/en/r23npc

23 mm Ø Precision Single Turn Conductive Plastic Potentiometer With Endstop (R23NP) & Without Endstop (R23NPC)

- Low cost precision potentiometer
- Industrial standard for setting and sensing applications.
- Almost infinite resolution available
- Resistance value(Ω):1K,5K,10K \pm 20%
- Linearity tolerance : 1.5%
- Power rating : 1 Watt
- Operating temperature : -55° to 105°C
- Center tap, special torque.
- Rotational life : ~ 3 million rotations

Type	R23NP/NPC
Housing dia. / Material	23mm / Plastic
Bushing	3/8" X 32 TPI
Shaft dia. X length	6.35mm Ø X 20
Eff.Electrical angle (°)	320 (R23NP) 340 (R23NPC)
Mechanical angle (°)	330(R23NP) 360 (R23NPC)
Antirotation pin (mm)	2 Ø X 1.5

JSP22B



Link for dataheet :
www.megauto.de/en/jsp22b.pdf

22 mm Ø Precision Single Turn Conductive Plastic Potentiometer Without Endstop

- 22mm plastic housing
- Resistance value (Ω) : 1K,5K,10K.
- Resistance tolerance : \pm 20%.
- Operating life : ~ 4 million.
- Rated wattage : 1 Watt
- Operating temperature : -55° to 105°C
- Special shaft lengths
- Optional linearity : 1%

Type	JSP22B
Housing diameter	22 mm
Bushing Size	M10 X 0.75
Shaft dia. X length	6mm Ø X 22
Linearity Tol. (%)	\pm 1.5
Eff. elec. angle (°)	340 \pm 5
Mechanical angle (°)	360
Rot. Life (Rotations)	~ 4 million

JSP23B



Link for dataheet :
www.megauto.de/en/jsp23b

22 mm Ø Precision Single Turn Conductive Plastic Potentiometer With Endstop (320°)

- 22mm plastic housing
- Resistance value (Ω) : 1K,5K,10K.
- Resistance tolerance : \pm 20%.
- Operating life : ~ 4 million.
- Rated wattage : 1 Watt
- Operating temperature : -55° to 105°C
- Special shaft lengths
- Optional linearity : 1%

Type	JSP23B
Housing diameter	22 mm
Bushing Size	M10 X 0.75
Shaft dia. X length	6mm Ø X 22
Linearity Tol. (%)	\pm 1.5
Eff. elec. angle (°)	320 \pm 5
Mechanical angle (°)	320 \pm 5
Rot. Life (Rotations)	~ 4 million