

RotaCon® Precision Conductive Plastic Single Turn Rotary Potentiometers

RotaCon® range of precision conductive plastic rotary potentiometers offers wide range of low to medium priced potentiometers. The resistance track is manufactured by modern screen printing technology. Special resistive pastes are applied on carrier. After printing the paste is hardened in a special conveying oven. These potentiometers are available in 12, 22,36 & 50 mm housing diameter. 12/22mm \varnothing have bushing as well as servo mounting. Hollow shaft precision conductive plastic pots are available in 24 & 32 mm housing diameters. These RotaCon® type of potentiometers are designed according to IEC60393. These are used in applications where not very close linearity tolerances are required. Dual section hybrid - contactless conductive plastic potentiometers are under development.

CP12B

12 mm \varnothing Precision Conductive Plastic Potentiometer Single Turn Bushing and Servo Mount - Metal Case

CP12S



Detailed datasheet :
www.megauto.de/en/cp12b.pdf

- Miniature type, good lifetime
- 12 mm \varnothing , Metal housing
- Good linearity tolerance
- Bushing - M6 X 0.75 (CP12B)
- Precision bearings (CP12S)
- Operating temperature :
- 40° to +85°C
- Suitable for mobile sensor, medical equipment & industrial applications.

Type	CP12B (Bush)	CP12S (Servo)
Housing diameter (mm)	12	
Shaft dia X length (mm)	3.17 \varnothing x 17	3.17 \varnothing x 12
Resistance range (Ω)	1k,5k,10k	
Resistance tolerance	\pm 20%	
Linearity tolerance (%)	\pm 2 (1.5%)	
Power rating (Watt)	0.7	0.2
Elec./Mech. angle (°)	300 \pm 5 /360	340 \pm 10 /360
Rotary Life (Rotations)	~ 3 million	~ 5 million



Detailed datasheet :
www.megauto.de/en/cp12s.pdf

JSM22B

22 mm \varnothing Precision Conductive Plastic Potentiometer Single Turn Bushing & Servo Mount - Metal Case

JSS22S



Detailed datasheet :
www.megauto.de/en/jsm22b.pdf

- Very Economical, Metal case
- Bushing and Servo type
- 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)	JSS22S (Servo)
Housing diameter (mm)	22	
Bearing	Sleeve	Ball
Shaft dia X length (mm)	6 \varnothing X 22	3.17 \varnothing X 12.7
Resistance range (Ω)	1k,5k,10k \pm 20%	
Linearity tolerance (%)	\pm 1.5 (\pm 1%)	
Power rating (Watt)	1	
Elec./Mech. angle (°)	340 \pm 5 /360	
Rotary Life (Rotations)	~ 5 million	~ 8 million



Detailed datasheet :
www.megauto.de/en/jss22s.pdf

JSS36S

36/50 mm \varnothing Conductive Plastic Long Life Sensor Potentiometer Servo Mount, 2 Ball Bearings - Metal Case

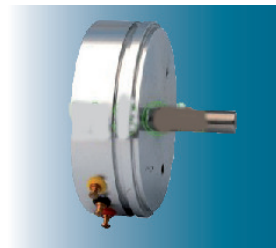
JSS50S



Detailed datasheet :
www.megauto.de/en/jss36s.pdf

- Servo mount
- Operating temp : -55 to +105°C
- Two ball bearings
- Metal housings
- Optional linearity : 0.5%
- Options available: Dual gang and rear shaft.
- Can be used in feedback application.
- Mechanical angle: 360°

Type	JSS36S	JSS50S
Housing diameter (mm)	36	50
Shaft dia X length (mm)	6 \varnothing X 16	6 \varnothing X 20
Resistance range	1K,5K,10 K Ω	1K,2K, 5K,10 K Ω
Resistance tolerance	\pm 20%	\pm 20%
Linearity tolerance (%)	\pm 1 (0.5%)	\pm 1 (0.5%)
Power rating (Watt)	1.5	1.5
Rotary Life (Rotations)	~ 20 million	~ 25 million



Detailed datasheet :
www.megauto.de/en/jss50s.pdf

RH24PC

24/32 \varnothing mm Hollow Shaft Precision Conductive Plastic Setting or Sensing Potentiometer

RH32PC



Detailed datasheet :
www.megauto.de/en/rh24pc.pdf

- Easily assembly with adjustment ring
- Operating temperature:
-55°to+105°C
- Mechanical angle: 360°
- Usable for position detection, speed control and feedback applications
- All engineering plastic case.
- 16mm hollow shaft potentiometers are available.

Type	RH24PC	RH32PC
Housing diameter (mm)	24	32
Hollow shaft dia. (mm)	6 / 3,6 \varnothing - 5 flat, 3 \varnothing - 2.5 flat	8 \varnothing
Resistance range (Ω)	1k, 5k,10k	
Resistance tolerance	\pm 20%	
Linearity tolerance (%)	\pm 2 (1.5%)	
Power rating (Watt)	0.5	2
Eff. Electrical angle (°)	340 \pm 5	
Rotary Life (Rotations)	~2 million	~3 million



Detailed datasheet :
www.megauto.de/en/rh32pc.pdf