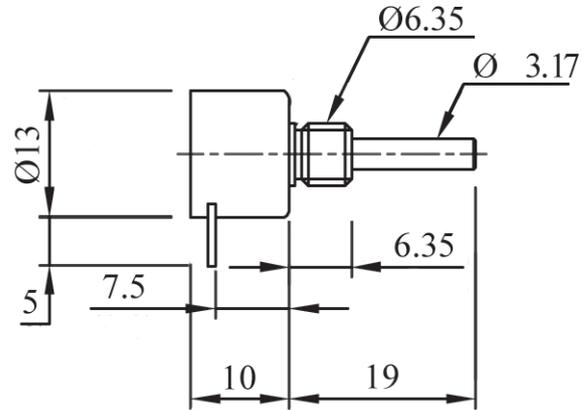
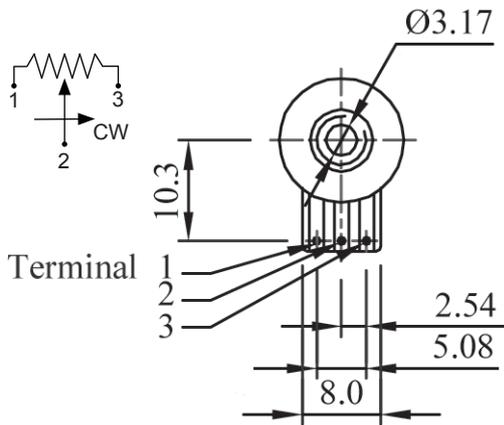


12 mm Industrial Single Turn
Bushing Mount, Conductive Plastic

- Conductive plastic, metric size
- Electrical angle 320° (360° continuous)
- Miniature size
- High electrical resolution



all dimensions in mm

ELECTRICAL CHARACTERISTICS

Resistance element	Conductive plastic
Standard resistance values (Ω)	1K, 5K, 10K (up to 100K)
Standard resistance tolerance (%)	(typ. IEC 60393) ± 20
Standard linearity tolerance (%)	(typ. IEC 60393) ± 5
Resolution	quasi infinite
Maximal wiper current	1 mA
Power rating (+70°C)	0,5 Watt
Electrical travel	300° ± 5° (R12PC) 300° ± 5° with endstops (R12P)
Insulation resistance	1000 MOhm at 500 VDC
Dielectric strength	100 VAC

MATERIAL

Housing	glass filled thermoset plastic
Shaft	stainless steel
Terminals	BERG connector / PCB
Bushing	brass

Soldering Recommendation

Use soldering iron with 350°C for 3 seconds maximum!

MECHANICAL CHARACTERISTICS

Mechanical angle (R12PC)	360° continuous
Mechanical angle (R12P)	320° ± 10° with endstops
Torque starting (Ncm)	<1
Torque running (Ncm)	0,5
Rotational life (shaft revolutions)	(typ. IEC 60393) 300.000
Bearing type	sleeve
Operating temperature (°C)	-35°C to +105°C

OPTIONS UPON REQUEST

Special resistance value
Special electrical angles (A)
Special shafts (S)
Special torque
O -ring on shaft (OR)

Application: This miniature, conductive plastic, high resolution control out performs the trimmers at reasonable price and can be used because of the miniature size in many industrial applications. This low cost control is an alternative to expensive precision conductive plastic types.

ORDERING INFORMATION

Detailed information: www.megauto.de/rotaset

R12P	10k	C	L10%	A180	S15mm	OR
Typ	Ω	continuous (C)	Linearity	Special Angle	Special Shaft	Options

Please note: The specification and information in this datasheet cannot consider all special demands that are caused by the application. Because of this, they are no general description of the properties of the product. Megauto does not assume any responsibility for damages due to improper application of our products. The user has to ensure by its own, that the products used are suitable for his application. Megauto does not warrant the reproducibility of published applications.