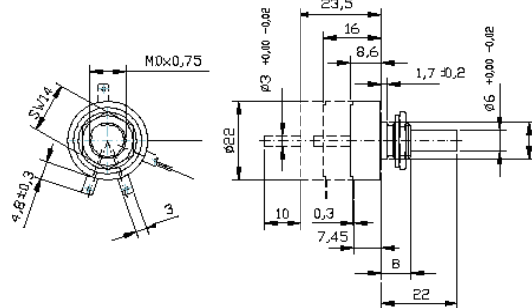
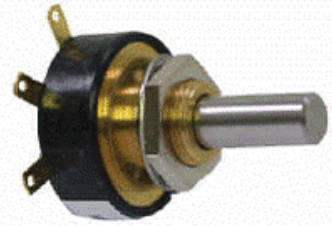


Potentiometric Setting and Sensing Devices

- 7/8" (22 mm) Industrial Single Turn Bushing Mount
- Wirewound metric size
- R22W 320 ° with endstop, R22WC 360 ° without stop
- Electrical angle 320 °, 270 ° available
- High resolution
- Rear shaft extension, gang versions

R22W/WC



All dimensions in mm

ELECTRICAL CHARACTERISTICS

Resistance element	Wirewound
Standard resistance values (Ω)	100, 500, 1k, 2k, 5k, 10k
Standard resistance tolerance (%)	(typ. IEC 60393) ± 5
Best possible linearity tolerance (%)	(typ. IEC 60393) ± 0.5
Standard linearity tolerance (%)	(typ. IEC 60393) ± 1
Type of linearity	Independent linearity
Power Rating (+70°C)	1.5 Watt
Electrical travel	320 ° ± 5° (optional 270°)
Insulation resistance	1000 MOhm at 1000 VDC
Dielectric strength	1000 VAC
Noise	<100 Ohm ENR

MECHANICAL CHARACTERISTICS

Mechanical angle (R22WC)	360° continuous
Mechanical angle (R22W)	320 ° ± 5° with endstops
Torque starting / running (Ncm)	0.5 / 0.3
Shaft diameter	6 mm
Shaft length	22 mm (FMS)
Rotational life (shaft revolutions)	(typ. IEC60939) 400.000
Bearing type	sleeve
Operating temperature (°C)	-50°C to +125°C

APPLICATION

These controls are designed for manual operations as preset and panel trimmers or semi - sensors. A good price / performance ratio, exact resistance and linearity tolerance makes it suitable for a wide range of industrial applications - setting device, switch cabinet control, coarse position sensor, robust angle sensor.

ORDERING INFORMATION

R22W / WC	10k	L1%	B	D	RA	2C	SL25	CT
Model	Ω	Linearity	Screw driver slot	O ring	rear shaft extn.	Sections	Special Shaft	Center tap

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