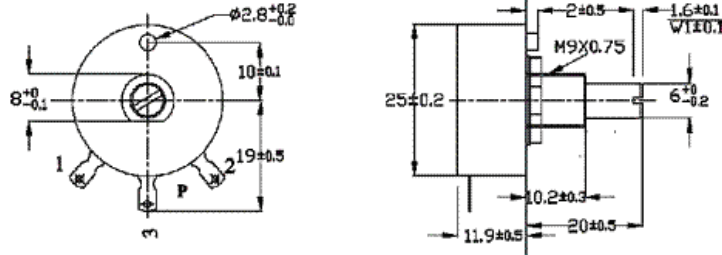
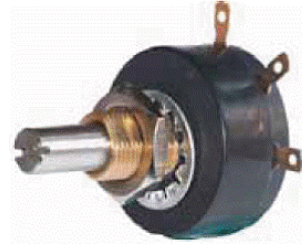


Potentiometric Setting Devices

- 25 mm Single Turn Rotary Linear Control Bushing Mount
- Wirewound metric size
- MRT25 W 320° with endstop / MRT25 WC 360° without endstop
- Electrical angle 320°
- Robust design
- Antirotation pin

MRT25W/WC



All dimensions in mm

ELECTRICAL CHARACTERISTICS

Resistance element	Wirewound
Standard resistance values (Ω)	10, 20, 50, 100, 200, 500, 1k, 2k, 5k, 10k
Standard resistance tolerance (%)	(typ. IEC 60393) ± 10
Standard linearity tolerance (%)	(typ. IEC 60393) ± 1
Type of linearity (IEC 393)	Independent linearity
Power rating (+70°C)	1.5 Watt
Electrical travel	320° ± 5°
Insulation resistance	1000 MOhm at 1000 VDC
Dielectric strength	1000 VAC
Noise	<100 Ohm ENR

MECHANICAL CHARACTERISTICS

Mechanical angle (MRT25WC)	360° continuous
Mechanical angle (MRT25W)	320° ± 5° with endstop
Torque starting / running (Ncm)	0.5 / 0.3
Shaft diameter	6 mm
Shaft length	20 mm FMS
Rotational life (shaft revolutions)	(typ. IEC 60393) 3,00,000
Bearing type	sleeve
Operating temperature (°C)	-50°C to +105°C

MATERIAL

Housing	glass filled nylon
Shaft	stainless steel
Bush	brass
Terminals	brass gold plated
Wiper	Berillium copper (HT)
Contacts	Precious metal

OPTIONS

Special resistance value
Screw driver slot (B)
Special shaft length (SLxx)
O ring inside shaft bearing (D)

ON REQUEST

Special linearity tolerance, Special resistance tolerance, Special shaft length, With output cable and connector, fully IP65

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

MRT25W / WC	10k	L1%	B	D	SLxx
Type	Ω	Linearity	Screw driver slot	O ring	Special shaft

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