



VISHAY INTERTECHNOLOGY, INC.



MOTION TRANSDUCERS AND DIALS

New Blue Color-Coded 534 Series

KEY BENEFITS

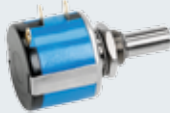
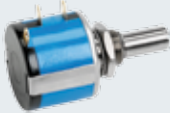
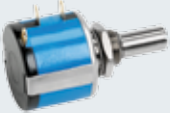
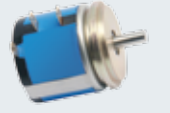
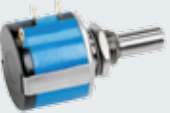
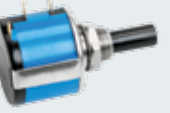






- Choice of turns
- Shaft extensions: front and rear
- Non-turn lug
- Dual gang
- Center tap
- Slipping clutch
- High torque

APPLICATIONS

- Welding machines
- Control panels
- Industrial equipment
- Wire cutting machines
- CCTV cameras
- Radar systems
- Security gate control
- Automotive lifts



MOTION TRANSDUCERS AND DIALS

Model						
Number of Turns	3	10	10	10	5	10
Resistance Range (Standard)	50 Ω to 20 kΩ	100 Ω to 100 kΩ	100 Ω to 100 kΩ	100 Ω to 100 kΩ	50 Ω to 50 kΩ	100 Ω to 100 kΩ
Linearity	± 0.25 %	± 0.25 %	± 0.25 %	± 0.25 %	± 0.25 %	± 0.25 %
Resistance Tolerance	± 5 %	± 5 %	± 5 %	± 5 %	± 5 %	± 5 %
Power Rating	1 W	2 W	2 W	2 W	1.5 W	2 W
Rotational Life	300,000	1,000,000	1,000,000	> 1,000,000	500,000	1,000,000
Range	- 55 °C to + 125 °C	- 55 °C to + 125 °C	- 55 °C to + 125 °C	- 55 °C to + 125 °C	- 55 °C to + 125 °C	- 55 °C to + 125 °C
Mounting Type	Bush and servo	Bush	Bush and servo	Servo	Bush and servo	Bush and servo
Dials are Available in Digital and Analog Styles						
Turns	10	10/100	15	15	11	21
Shaft	1/4", 1/8"	1/4", 1/8", 6 mm	1/4", 1/8", 3 mm	1/4", 1/8", 6 mm	1/4", 1/8", 6 mm	1/4", 1/8", 6 mm
Reading	Analog	Digital 3 or 4 digits	Analog	Analog	Analog	Analog
Diameter (mm)	25.4	25.4 x 49.53 (REC)	22.22	46.02	46	28
Finish	Satin chrome, black markings; black chrome, white markings; brushed chrome, black markings; satin chrome, white markings	Satin clear anodized; black anodized; white bezel; black anodized	Satin chrome, black markings; black chrome, white markings; satin chrome, white markings	Satin chrome, black markings; black chrome, white markings; brushed chrome, black markings	Metal clear aluminum	Clear anodized housing, black rotor, white markings; black anodized housing, black rotor, white markings

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Discrete Semiconductors and Passive Components

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