

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

RESOURCES

- For technical questions contact sferprecisionpot@vishay.com
- Sales Contacts: <http://www.vishay.com/doc?99914>

Resistors - Choice of Turns



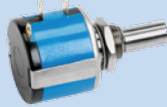


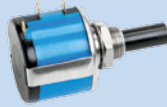



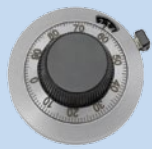




MOTION TRANSDUCERS AND DIALS

Vishay Sfernice



Resistors - Choice of Turns

	533	534	534 Metric	534 Servo	535	536
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	Dial 11 	Dial 15 	Dial 18 	Dial 21 	Dial 21P 	Dial 28 
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