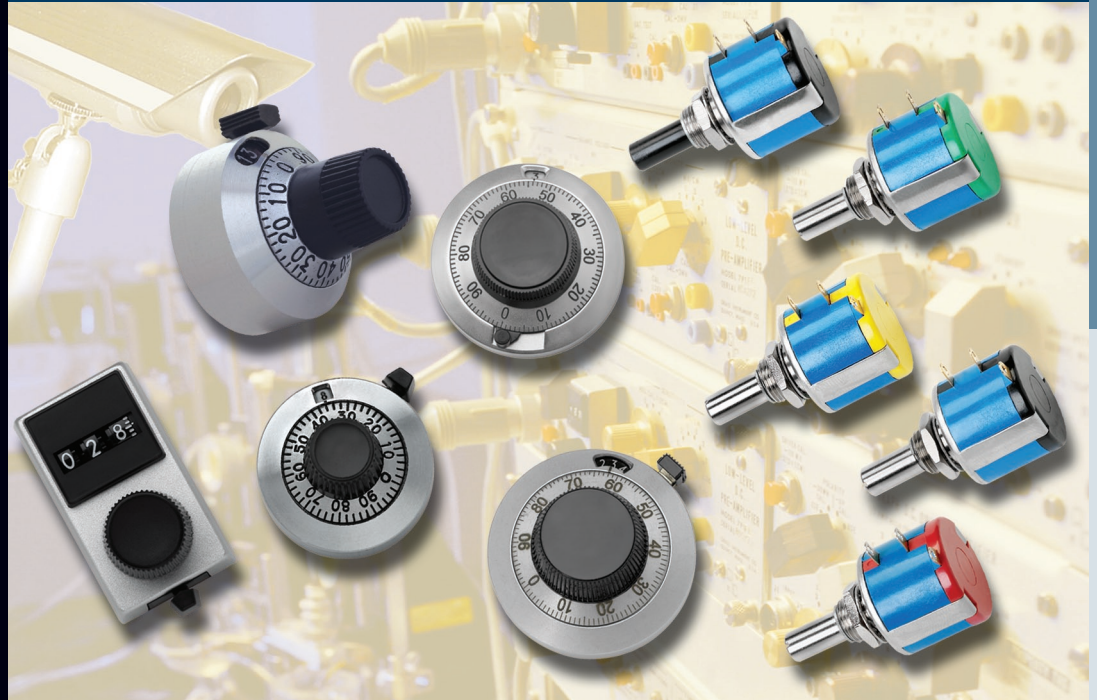




MOTION TRANSDUCERS AND DIALS

New Blue Color-Coded 534 Series



KEY BENEFITS

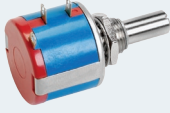
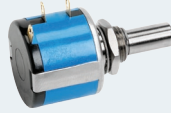






- Choice of turns
- Shaft extensions: front and rear
- Non-turn lug
- Dual gang
- Center tap
- Slipping clutch
- High torque

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 to 20 K	100 to 100 K	100 to 100 K	100 to 100 K	50 to 50 K	100 to 100 K
Linearity	± 0.25 %	± 0.20 %	± 0.20 %	± 0.20 %	± 0.25 %	± 0.20 %
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 anodize; black anodize, white bezel; black anodize	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

NOTICE Specifications of the products displayed herein are subject to change without notice. Vishay Intertechnology, Inc., or anyone on its behalf, assumes no responsibility or liability for any errors or inaccuracies. Information contained herein is intended to provide a product description only. No license, express or implied, by estoppel or otherwise, to any intellectual property rights is granted by this document. Except as provided in Vishay's terms and conditions of sale for such products, Vishay assumes no liability whatsoever, and disclaims any express or implied warranty, relating to sale and/or use of Vishay products including liability or warranties relating to fitness for a particular purpose, merchantability, or infringement of any patent, copyright, or other intellectual property right. The products shown herein are not designed for use in medical, life-saving, or life-sustaining applications. Customers using or selling these products for use in such applications do so at their own risk and agree to fully indemnify Vishay for any damages resulting from such improper use or sale.