

Multi-turn potentiometer 534-1-1XXX, Vishay Spectrol

Reference: AM3931
EAN13: -
HS code: 85334090



Product attributes:

Resistance: 101, 100 Ohm, 100R, 201, 200 Ohm, 200R, 501, 500 Ohm, 500R, 102, 1 kOhm, 1K, 202, 2 kOhm, 2K, 502, 5 kOhm, 5K, 103, 10 kOhm, 10K, 203, 20 kOhm, 20K, 503, 50 kOhm, 50K, 104, 100 kOhm, 100K

Product features:

Tolerance: 5%
Performance: 2 W
Number of pins: 3-pin

Product description:

The high-precision industrial potentiometer series 534 from Vishay Spectrol is designed for fine and repeatable resistance adjustment in measuring instruments, automation systems and audio technology. Thanks to its ten-turn design and robust construction, it is ideal for demanding professional applications.

Technical specifications

- Resistance: 100 Ω to 100 kΩ (depending on variant)
- Resistance tolerance: ±5%
- Type: wirewound, linear characteristic
- Number of turns: 10 (3600°)
- Power load: 2 W at 70 °C
- Temperature coefficient: approx. 20 ppm/°C
- Operating temperature: -55°C to +125°C
- Shaft diameter: 6.35 mm (1/4"), metal, with screwdriver slot
- Shaft length: approx. 20.6 mm
- Body diameter: 22.2 mm
- Mounting hole: 10 mm, with 3/8-32 UNEF-2A thread
- Connection type: solder lug terminals
- Insulation resistance: ≥1000 MΩ at 500 VDC
- Dielectric strength: ≥1000 VAC

Available resistance variants

Product marking	Nominal resistance
534-1-1101	100 Ω
534-1-1201	200 Ω
534-1-1501	500 Ω
534-1-1102	1 kΩ
534-1-1202	2 kΩ
534-1-1502	5 kΩ
534-1-1103	10 kΩ
534-1-1203	20 kΩ
534-1-1503	50 kΩ
534-1-1104	100 kΩ

Functions and features

- Precision multi-turn potentiometer with fine adjustment
- Robust metal shaft and body for long life
- Stable output with low noise thanks to wired technology
- Universal design suitable for panel or device mounting
- Possibility to choose resistance according to the application (multiple variants)

Ideal for

- Precision control in industrial automation
- Measuring and calibration instruments
- Analog audio technology (amplifiers, mixing consoles)

- Laboratory and development facilities

Package contents

- 1x Vishay 534-1-1XXX potentiometer (depending on the selected resistance variant)
- Mounting nut and washer

Why choose this product?

- High precision and smooth control thanks to 10-turn design
- Durable design suitable even for demanding operations
- Flexible resistance selection according to application needs
- Easy installation in instrument panels
- Long life and reliability from renowned manufacturer Vishay

