

Potentiometer WH148, 3-pin

Product codes:

Reference: AM6479

EAN13: -

UPC: 85334090

Product features:

Tolerance: 20%

Performance: 125 mW

Waterproof grade: IP40

Number of pins: 3-pin



Product attributes:

Resistance: B1K, 1 kOhm, 1K, B2K, 2 kOhm, 2K, B5K, 5 kOhm, 5K, B10K, 10 kOhm, 10K, B20K, 20 kOhm, 20K, B50K, 50 kOhm, 50K, B100K, 100 kOhm, 100K, B250K, 250 kOhm, 250K, B500K, 500 kOhm, 500K, B1M, 1 mOhm, 1 m

Product description:

The WH148 panel rotary potentiometer is a passive control element designed for continuous resistance change in electrical and electronic circuits. The 3-terminal design allows use as a voltage divider and as a variable resistor. The product is available in linear characteristic B in several resistance values for installation in devices, control panels and hobby and service applications.

Technical specifications

- Product type: rotary potentiometer
 - Model series: WH148
 - Design: axial, panel mounting
 - Number of pins: 3 pins
 - Characteristics: linear, designation B
 - Version: mono
 - Track type: wire
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- Number of revolutions: 1
- Rotation angle: 300°
- Nominal resistance values: B1K, B2K, B5K, B10K, B20K, B50K, B100K, B250K, B500K, B1M (depending on variant)
- Resistance tolerance: $\pm 20\%$
- Linearity tolerance: $\pm 5\%$
- Power loss Pd: 125 mW
- Maximum operating voltage: 200 V
- Minimum insulation resistance: 1000 mOhm
- Body dimensions: 29x25x17 mm
- Shaft length: 13 mm
- Shaft diameter: 6 mm
- Pin spacing: 5 mm
- Mounting hole diameter: 7.2 mm
- Fastening: with nut

Functions and features

- Manual resistance adjustment by turning the shaft.
- The three-terminal connection allows use as a voltage divider.
- The linear resistance change is suitable for technical control and adjustment functions.
- The axial shaft is designed for mounting in a panel or front plate of the device.
- Mechanical fastening with a nut ensures a firm fit in the mounting hole.
- The availability of multiple resistance variants makes it easier to choose the appropriate control range.

Ideal for

- Signal level regulation in electronic circuits.
- Adjustment and control elements in devices and panels.
- Kits, prototypes and electronics service repairs.
- Simple analog control circuits.

Package contents

- 1x potentiometer WH148, 3pin

Why choose this product?

- Clearly defined linear characteristic B for technical use.
 - Wide selection of resistance values within one design series.
 - Compact panel design with standard three-pin connection.
 - Known mounting dimensions make it easy to design and replace the component.
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Installation and operating instructions

- Install into a hole of the appropriate diameter and secure the potentiometer with a nut.
- When soldering, limit the heating time of the pins to avoid damage to the internal structure.
- Before installation, verify the required resistance value and correct connection of the outer and middle terminals.
- Observe the maximum operating voltage and power dissipation of the component.

Safety notice

- The component is not intended to operate above the specified electrical load limit.
- Incorrect wiring may damage the potentiometer or the downstream circuit.
- Only perform installation and service when the power supply is disconnected.
- When used in equipment connected to hazardous voltages, appropriate structural protection and professional installation must be ensured.

Product gallery:

