

Resistor RKS

Calibration resistor

The calibration resistor type RKS is used to check the technical specifications of measuring bridges, ohmmeters, voltage divider circuits and current measurements by using voltage drop methods.

The resistors are mounted in an aluminum case supporting 4-pole connector type outputs. Two connectors are used for measurement current line input, the other ones for measurement sense line connection. Standard banana plugs can be connected as well as open wire ends.

For different needs two different resistor materials are available.

Standard values:

- 1 $\mu\Omega$
- 10 $\mu\Omega$
- 100 $\mu\Omega$
- 1 m Ω
- 10 m Ω
- 100 m Ω
- 1 Ω

Other values are possible by request.

Resistor RKS

Specifications of MANGANIN™ type resistor

Specific resistance	0,43 $\mu\Omega\text{m}$
Thermal voltage against copper	< 1 μV / Kelvin
Temperature coefficient	$\pm 0,001$ % / K at 15 °C to 50 °C

Resistor RKS

Specifications of ZERANIN™ type resistor

Specific resistance	0,43 $\mu\Omega\text{m}$
Thermal voltage against copper	< 1,3 μV / Kelvin
Temperature coefficient	$\pm 0,0003$ % / K at 20 °C to 70 °C
Stability	$\pm 0,05$ at 70 °C and 2000 h

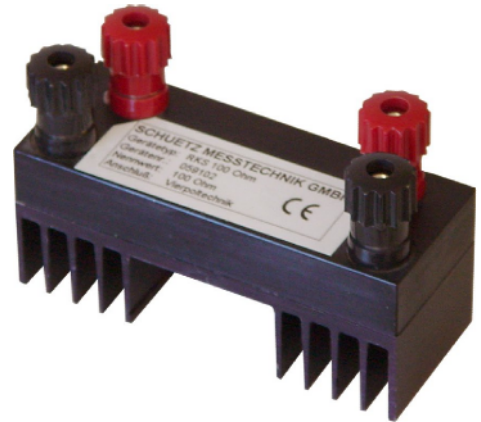
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SCHUETZ MESSTECHNIK GMBH, Rheinstrasse 7a, D-14513 Teltow

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Calibration resistors

Typ RKS



Features RKS

- Extra high precision resistor (4pole)
- solid aluminum chassis
- very low temperature coefficient
- Resistor material MANGANIN™ or ZERANIN™

Available accesories

- Measurement cable 4pole, various lengths, banana plugs (4x)
- DKD – calibration certificate from the ‚Deutscher Kalibrier- und Prüfdienst‘

Questions?

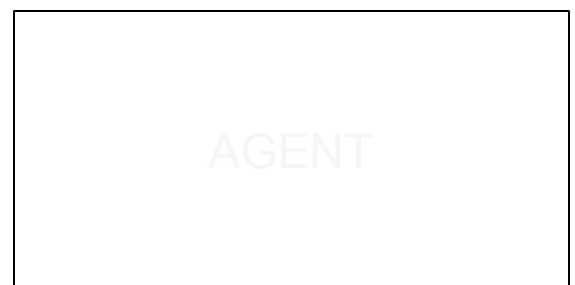
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