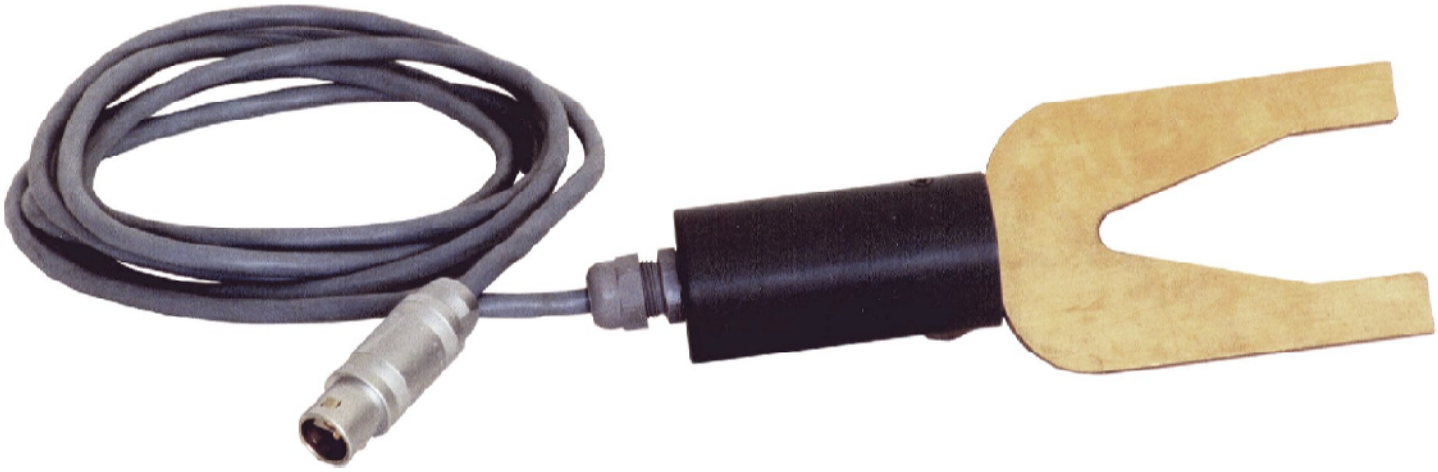
Kelvin lug 5K

for winding pins and bolted bars

Connector equipment

Measurement lugs



The Kelvin lug is a robust two-pole measuring contact connecting to connection and winding pins, in particular in the case of transformers, and bolted connections and busbars in power engineering applications. It is designed for practical use under rough conditions. With 2 Kelvin lugs a 4-pole connection can be realised, so that the electric resistance of the test object can be measured with a suitable measuring instrument independent of the supply line resistances.

Of course, the Kelvin lug is not only suitable for resistance measurements, it can used for any low - resistance connection. However, its main field of application is the measurement of winding resistances, transforming ratios and phase angles of larger transformers in connection with our MRC7100 / PAW7100 transformer measurement system. For the complete connection of a transformer to the PAW7100 phase selection device, six to eight Kelvin lugs are required (depending on N conductor). The Kelvin lug 5K is available in different designs, which mainly differ with respect to the size, length and type of the cable connected and the corresponding plug.

Features

- **For diameters from 10 mm to 50 mm**
- **Max. current of lug 50 A, 20 A using standard connector**
- **Matrix made from heavy duty brass**
- **Mainly used for transformer measuring applications**

Available accesories

- **Special matrix design** by request
- **Several cables and connectors**

Kelvin lug 5K

Technical data

Front opening width	50 mm
Bolzendurchmesser	10 mm - 50 mm
Required tightening force > 10 kp (100 N)	
Contact thickness	6 mm
max. current	50 A (lug)
max. current using standard plug	20 A
Matrix / Handle material	hard brass / shock - resistance plastic
Matrix	special designs upon request
Dimensions	270 x 90 x 50 mm (WxHxD)
Weight	approx. 500 g without cable

Questions?

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Here you will get technical assistance as well as complete information regarding features, prices, shipment and reselling.

www.ohmmeter.de

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