

# Kelvin test prod 4P

For smooth or difficult to reach contact surfaces

The Kelvin test prod is used for two-pole contacting of connections or contacts which are difficult to reach, e.g. lamellae at the commutator of a motor, ground connections between components which are very close together or simply smooth surfaces where there is no other way of contacting. Using two Kelvin test prods, a 4-pole contacting can be realised where the contact and supply line resistances have no influence on the test result.



Of course, you can also use the Kelvin test prod together with a Kelvin clipper or another two-pole connection to the measuring instrument, to obtain a 4-pole connection to the test object. The Kelvin test prod is of a robust design, a comfortable plastic handle supports the two coaxially arranged contact tips. The inner contact consists of a round material with a corresponding spring-mounted tip, the outer contact comprises a bevel-cut tube. The outer contact is used as the potential contact, the inner contact is used as the current contact. When a test surface is contacted, the spring-mounted inner current contact touches the surface before the external potential contact. When the test prod is removed, this process is reversed, so that the current contact is always the first and the last contact. This is important in the case of inductive test objects in order to avoid that the voltage input of the measuring instrument, which is always more sensitive, is exposed to inductive voltage surges when the test prod is disconnected.

The connecting cable is screened, therefore there are three plugs or a three pole plug (depending on customer's specification) on the test instrument side, one of which connects the screen to ground.

Connector equipment

Test prods

## Features

- For different to reach contact surfaces
- 70 mm contact shaft
- Test spikes made from stainless steel
- Including protective ring
- Including start button

## Available accessories

- Several cables and connectors available

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## Technical data

<b>Outer contact diameter</b>	6,5 mm
Inner contact diameter	3,0 mm
Contact pressure (inner tip // outer )	800 kp (8N)
Length of contact shaft	70 mm
<b>Material</b>	stainless steel
Length of handle	125 mm
Diameter of handle	24 mm
Dimensions of protective ring	24 mm x 40 mm
Material of handle	shock - proof plastic
Kabellänge	150 cm
<b>Weight</b>	approx. 500 g without Cable

## Questions?

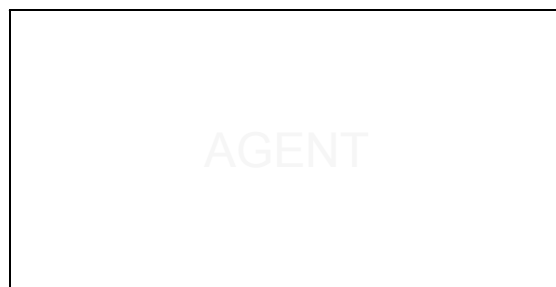
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Here you will get technical assistance as well as complete information regarding features, prices, shipment and reselling.

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