The KAPG 100 is the successor of the KAPG 80 / 90 and it is compatible with them. The KAPG 100 is used for testing connected and unconnected conductors.

Characteristics of the KAPG 100
- Testing for contact, interruption, interchanging and ground fault
- Speaking connection between the two testers
- Reach up to 30 km
**Technical description**

**Ordering Information**

**Description**

The **KAPG 100** is used for testing connected and unconnected conductors for contact, interruption, interchanging and ground fault. A speaking connection is given between the two examining places at the same time.

Testing and speaking is possible at a loop resistance up to max. 2000 ohms and allocation with office facilities and/or terminal device examine (e.g. telephone).

The loop resistance without coil-loading corresponds to a line length of:

- **approx. 7 km** at a conductor diameter of **0.4 mm**
- **approx. 16 km** at a conductor diameter of **0.6 mm**
- **approx. 30 km** at a conductor diameter of **0.8 mm**

A capacity of approx. 35 nF/km is considered between the cable conductors.

The KAPG 100 consists essentially of a compact and stable plastic case into which the electronic circuit, the operating device and the connection element are built-in. The speaking set and the test cord are attached to the connection element by colored or with symbols labeled ports.

The battery receptacle is accessible from outside and houses a 9V block battery.

The speaking set has receivers on both sides and a revolving microphone. The connection cord has colored plugs for microphone (red) and listeners (black).

The three-core test cord consists of colored silicone cords with plugs. Two of the three cords serve as a speaking line (a = blue, b = black) and are summarized by means of shrinkable tubes. The third cord is the test line (red).

**Attention:** For testing you need minimum two KAPG!

*A combination of KAPG 80 / 90 and 100 is possible.*

**Ordering details:**

<table>
<thead>
<tr>
<th>Description</th>
<th>Article No.</th>
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<tbody>
<tr>
<td>KAPG 100, Cable conductor test set</td>
<td>1019070</td>
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</table>

Consisting of:

- 1 Testing instrument                      | 1019071     |
- 1 Speaking set with connection cord       | 1019072     |
- 1 Test cord, complete                     | 1019073     |
- 1 Carrier bag with belt for testing instrument | 1019074   |
- 1 User manual                             | 1019075     |
- 1 Soft bag for the complete KAPG 100      | 1019076     |

All the information given herein is correct and reliable to the best of our knowledge. It does not however constitute a guarantee of any particular property. The user is responsible for evaluating the suitability and performance of the products for the particular application. Our liability with respect to the products is exclusively as set forth in our standard terms and conditions of sale, and in no event shall we be liable for any incidental, indirect or consequential damage of any kind.

We reserve the right to alter the formulation of our products for technical reasons without notice.

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