

# Voltage Detector KP-Test 5H+, 30 - 60 kV

The capacitive voltage detector **KP-Test 5H+** is used at high voltage overhead lines and high voltage outdoor substations.

- Nominal voltage range: **30 - 60 kV**
- Nominal frequency: **50 Hz**
- Designed and type-tested according to **IEC 61243-1**
- Insertion depth **A<sub>i</sub> = 898 mm**

## Technical description:

- Double signalling
- Integrated audible signal
- Extremely bright LEDs
- Maximum resistance to interference fields
- Self-test at switch-on
- Can be used in rain and snow



Picture may vary.

## Technical Data

|                                     |                                   |
|-------------------------------------|-----------------------------------|
| <b>Article no.</b>                  | <b>930 250 002 00001</b>          |
| <b>Nominal voltage</b>              | <b>U<sub>n</sub> (kV) 30 - 60</b> |
| <b>Quantity of insulating poles</b> | <b>1</b>                          |
| <b>Nominal frequency</b>            | <b>f<sub>N</sub> (Hz) 50</b>      |
| <b>Suitable bag</b>                 | <b>B5</b>                         |
| <b>Carrying bag included</b>        | <b>no</b>                         |
| <b>Voltage type</b>                 | <b>AC</b>                         |
| <b>Area of application</b>          | <b>Switchgear / Overhead Line</b> |
| <b>Type of device</b>               | <b>complete</b>                   |
| <b>Language on labels</b>           | <b>de</b>                         |
| <b>Design</b>                       | <b>indoor and outdoor</b>         |
| <b>Climate class</b>                | <b>W, N</b>                       |
| <b>Contact electrode</b>            | <b>fork electrode</b>             |
| <b>Power supply</b>                 | <b>2 x lithium batteries</b>      |
| <b>Type</b>                         | <b>KP-Test 5H+</b>                |
| <b>Type tested according to</b>     | <b>IEC 61243-1</b>                |

## Dimensions

|                                       |                           |             |
|---------------------------------------|---------------------------|-------------|
| <b>Total length</b>                   | <b>L<sub>G</sub> (mm)</b> | <b>2478</b> |
| <b>Penetration depth</b>              | <b>A<sub>i</sub> (mm)</b> | <b>898</b>  |
| <b>Insulating length</b>              | <b>L<sub>I</sub> (mm)</b> | <b>975</b>  |
| <b>Transporting length</b>            | <b>L<sub>T</sub> (mm)</b> | <b>1485</b> |
| <b>Diameter of insulating element</b> | <b>d (mm)</b>             | <b>33</b>   |