

# Voltage Detectors KP-Test 5H for railway systems

The **KP-Test 5H for railway networks** capacitive voltage detector is similar in design to the **KP-Test 5H**. This voltage detector is designed specially for application on supply line for single-phase railway systems. It indicates the presence of operating voltage when brought into contact with the conductor. The **KP-Test 5H for railway networks** voltage detector is distinguished by its high level of user-friendliness and user safety.

## Technical description:

- Can be used in rain and snow
- Particularly loud, integrated audible signal for reliable voltage tests even in a noisy environment
- Extremely bright LEDs in clear layout to prevent confusion
- Maximum resistance to interference fields through the use of a high-quality contact electrode extension
- Extensive self-test functions at switch-on
- Available with convenient carrying case
- Penetration depth  $A_1 = 898$  mm



Picture may vary.

The **KP-Test 5H for railway networks** is constructed along the lines of Standard IEC 61243-1.

Other versions with deviating nominal voltages, ranges of nominal voltage, frequencies and languages are available on request.

## Technical Data

<b>Article no.</b>	<b>930 250 001 00389</b>	
<b>Nominal voltage</b>	$U_n$ (kV)	66 - 132
<b>Quantity of insulating poles</b>		2
<b>Nominal frequency</b>	$f_N$ (Hz)	16.7 + 50
<b>Suitable bag</b>		B2
<b>Carrying bag included</b>		no
<b>Voltage type</b>		AC
<b>Area of application</b>		Overhead Line
<b>Language on labels</b>		de
<b>Type</b>		KP-Test 5H

## Dimensions

<b>Total length</b>	<b>L<sub>G</sub> (mm)</b>	<b>3700</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>1802</b>
<b>Transporting length</b>	<b>L<sub>T</sub> (mm)</b>	<b>1855</b>
<b>Diameter of insulating element</b>	<b>d (mm)</b>	<b>43</b>