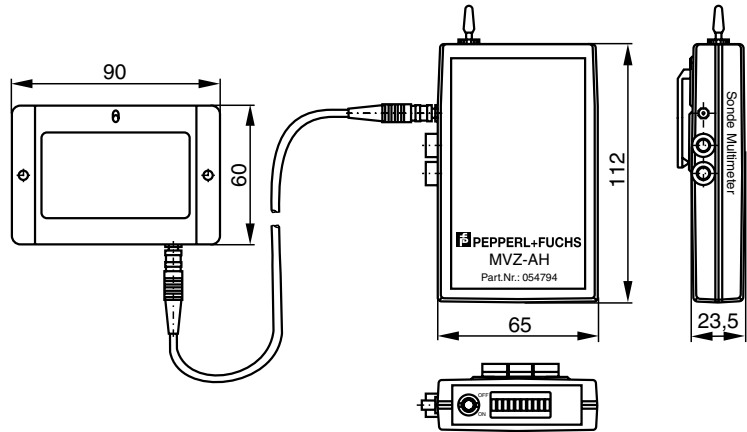




Dimensions



Model number

MVZ-AH

Features

- Alignment aid for the antennas of our microwave ident systems
- Simple operation
- Battery operated

Function

For the user of microwave ident systems IDENT-M system T and IDENT-M system V) the alignment aid is a tool for optimum alignment of the antenna.

The set consists of the display unit, the simulated data carrier and the co-axial cable. For the alignment the display unit and the simulated data carrier have to be connected means of the cable (SMD plug).

In IDENT-M system V, the write/read head can be set in the Auto-Read mode, as transmission is then continuous, as long as the system cannot communicate with a data carrier.

The 10 LEDs of the display beam indicate relative dimension for the field strength at the place of the simulated data carrier. The more diodes of the display beam light up the stronger is the field strength.

Please note:

The display is affected by the field strengths of other HF sources.

When changing the simulated data carrier, the LED display changes due to the different sensitivity of the data carrier.

Technical data

Indicators/operating means

LED line indicator	Display beam of 10 LEDs The stronger the field strength received, the more LEDs are on. With increasing field strength the number of red LEDs increases, then also the yellow LEDs and - in case of even stronger field strength - also the green LEDs are connected. Weak signal: red LEDs only (max. 3) Mean signal: all red and max. 4 yellow LEDs Strong signal: all red, yellow and max. 3 green LEDs
Toggle switch	ON for operation, at least one red LED is on

Electrical specifications

Operating voltage	9 V monobloc battery, accessible via cover at the rear wall of housing
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Output

Signal output	At output socket the rectified HF signal is available for further tests (Detector diode, signal voltage 0 ... 1 V)
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Ambient conditions

Ambient temperature	-20 ... 60 °C (253 ... 333 K)
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