# Mobile, easy to use and ideal tool for every electrician MD 116 Non-contact voltage detector



The MD 116 is a non-contact voltage tester that features an optical, acoustical and a vibrating indicator. It comes complete with a pocket clip. It is easy to operate and is an essential tool for both home handymen and professionals. The MD 116 can detect livevoltage wires in splices, cable plugs, cable drums, sockets, switches and junction boxes. The operation of the MD 116 is self-tested automatically after power up. No extra button required. It supports switching between low and high sensitivity (12 / 90 V AC) and has an integrated LED flashlight for working in dark conditions. The Metrel MD 116 uses a capacitive measuring process. In contrast to inductive measurements, no flow of current is required.

## **MEASURING FUNCTIONS**

- Non-contact voltage detection from 12 V AC.
- High performance LED flashlight.
- Optical, acoustical and vibrating indication in case of power.

## TECHNICAL DATA

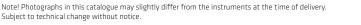
## **KEY FEATURES**

- 12 V ... 1000 V AC measurement range.
- Optical, acoustical and vibrating indication.
- CAT IV / 1000 V overvoltage protection.

Function Range Display Optical, acoustical, vibrating Measurement range 12 ... 1000 V AC Frequency range 40 ... 400 Hz 0 ... 40°C, < 80% relative humidity Temperature range Current consumption 80 mA Duty cycle Continuous 2 x 1,5 V LR03 batteries (type AAA) Power supply Overvoltage category CAT IV / 1000 V Degree of protection IP 65 Dimensions 155 x 25 x 23 mm Weight Approx. 58 g

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# APPLICATION

- General purpose.
- Low level electrical testing.
- Hobby work.

## DIRECTIVES

- 2012/19/EU WEEE
- 2014/30/EU EMV
- 2014/35/EU LVD

# STANDARDS

- IEC60529
- IEC/EN61010
- IEC/EN61140
- IEC/EN61326-1

## STANDARD SET

## MD 116

- Non-contact voltage detector MD 116
- 1,5 V battery test, type AAA, 2 pcsInstruction manual
- Warranty