

Mobile, easy to use and ideal tool for every electrician

MD 116 Non-contact voltage detector



Contact voltage tester



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 live-voltage 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.

KEY FEATURES

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

APPLICATION

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

TECHNICAL DATA

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

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 pcs
- Instruction manual
- Warranty

METREL D.D.

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Note! Photographs in this catalogue may slightly differ from the instruments at the time of delivery.
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