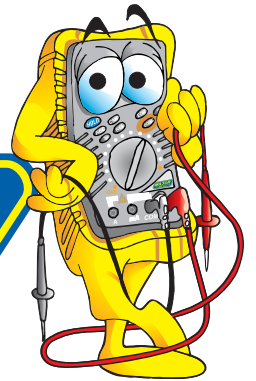


Cable Locator



Technical Data



MT195

The MT195 Cable locator consists of a transmitter and a receiver which is a light weight portable instrument and can be used to detect or trace conductors. The signal generated by the transmitter is made of a modulated current, generating an electro-magnetic field around a conductor. The electro-magnetic field induces a voltage within the receiving coil. The induced voltage is amplified, decoded and converted to the original signal by the receiver and finally displayed on the receivers screen. The connecting parameter for the transmitter during an application must be a closed current circuit.

Features Include:

- Locating and tracing lines
- Detection of interruptions and short circuit in under floor heating (using extra MT195T)
- Locating interruptions using two transmitters (using extra MT195T)
- Tracing metallic water piping
- Transmitter with LCD display for transmitting level, transmitting code and external voltage
- Receiver with backlight LCD display for level of receiving signal, code of receiving signal and line voltage detection
- Automatic and manual adjustment of receiving signal sensitivity
- Acoustical receiving signal switchable
- Transmitter measures voltage from 12V to 400V AC and DC
- Auto power off
- Additional torch function for working in dark environments
- Additional MT195T transmitters are available for extension or to distinguish several signals

General Specifications

Transmitter

Output Signal	: 125kHz
Voltage Range	: 12 - 400V
Frequency Range	: 0 - 60Hz
Display	: LCD display
External Voltage Detection	: max. 400V AC/DC
Over Voltage Category	: CAT III 300V
Pollution Degree	: 2
Auto Power Off	: Approx 1 hour
Power Supply	: One 9V battery, NEDA 1604, IE6F22. Power
Consumption	: max. 18mA
Fuse	: F0.5A 500V, 6.3 X 32mm
Temperature Range(work)	: 0 to 40°C max 80% relative humidity (not condens.)
TemperatureRange(storage)	: -20 to 60°C max 80% relative humidity (not condens.)
Height above MSL	: up to 2000 meters
Dimensions	: 130mm X 69mm X 32mm
Weight	: Approx. 130g

Receiver

Tracing Depth	: The tracing depth depends on medium and application
Cable Locator Mode	: approx. 0 - 2 meters (single-pole application) approx. 0 - 0.5 meters (single-pole application)
Voltage Detection	: approx. 0 - 0.4meters
Display	: LCD with functions and bargraph
Power Supply	: One 9V battery, NEDA 1604, IE6F22. Power



General Specifications

Consumption	: approx. 23mA (without backlight or lamp) approx. 35mA (with backlight) max. 40mA (backlight and lamp)
Auto Power Off	: approx. 5 minutes
Temperature Range(work)	: 0 to 40°C max 80% relative humidity (not condens.)
TemperatureRange(storage)	: -20 to 60°C max 80% relative humidity (not condens.)
Height above MSL	: up to 2000 meters
Dimensions	: 192 X 61 X 37mm
Weight	: Approx. 180g

Ordering Information

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