The Cable Locator consists of a transmitter and a receiver, which is a portable measurement 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. This 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 screen. The connecting parameter for the transmitter during an application must be a closed current circuit.

LA-1012

CABLE LOCATOR

- Finding conductors in walls, conductor interruptions, short-circuits in conductors
- Conductor tracing in the soil
- Can be used for single and multi core cables
- Detecting fuses and assigning current circuits
- Tracing sockets and distribution sockets having accidentally been covered by plastering
- Detecting interruptions and short-circuits in floor heating
- Tracing metallic water and heating pipes
- All application areas (both, voltage-free and live) are performed without using any additional instruments
- Transmitter display indicates the transmission level, the transmission code, as well as the foreign voltage
- Receiver display indicates the reception level,the transmission code, as well as the mains voltage detection
- Automatic and manual sensitivity adjustment
- Acoustic reception signal may be switched off
- Auto-Power-Off function
- Backlight
- Additional lighting function when working under bad lighting conditions
- Additional transmitters are available to extend or distinguish several signals

LA-1012 | Cable Locator

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 lll 300V
Pollution Degree	2
Auto Power Off	approx.1 hours (No Operation)
Power Supply	One 9V battery, NEDA 1604, IE6F22.Power
Consumption	max. 18mA
Fuse	F0.5A 500V, 6.3 x 32 mm
Temperature Range (Work)	0...40°C,max 80% rel. humidity (non condensing.)
Temperature Range (Storage)	-20...60°C,max 80% rel. humidity (not condensing.)
Height above MSL	up to 2000meters
Dimensions	130 x 69 x 32mm
Weight	approx. 130g
Receiver	
Tracing depth	The tracing depth depends of medium and application
Cable Locator Mode	approx. 0...2meters (single-pole application)
	approx. 0...0.5meters (double-pole application)
Voltage detection	approx. 0...0.4meters
Display	LCD with functions- and bargraph
Power Supply	One 9V battery, NEDA 1604,IE6F22.Power
Consumption	approx. 23mA (without backlight or lamp)
	approx. 35mA (with bacldight)
	max. 40mA (Bacldight and lamp)
Auto Power Off	approx. 5minute (No any Operation)
Temperature Range (Work)	0...40°C,max 80% rel. humidity (non condensing.)
Temperature Range (Storage)	-20...60°C,max 80% rel. humidity (not condensing)
Height above MSL	up to 2000meters.
Dimensions	192 x 61 x 37mm
Weight	approx. 180g

Accessories

Hard Carrying Case, Instruction Manual, Batteries,
Test Probes, Test Certificate.

Contact :

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