



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

- I Finding conductors in walls, conductor interruptions, short-circuits in conductors
- I Conductor tracing in the soil
- I Can be used for single and multi core cables
- I Detecting fuses and assigning current circuits
- I Tracing sockets and distribution sockets having accidentally been covered by plastering
- I Detecting interruptions and short-circuits in floor heating
- I Tracing metallic water and heating pipes
- All application areas (both, voltage-free and live) are performed without using any additional instruments
- I 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

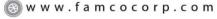
- Automatic and manual sensitivity adjustment
- I Acoustic reception signal may be switched off
- I Auto-Power-Off function
- I Backlight

<u>CEM</u>

- I Additional lighting function when working under bad lighting conditions
- I Additional transmitters are available to extend or distinguish several signals







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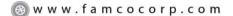
# LA-1012 | Cable Locator

### **General Specifications**

| Transmitter                 |                                                     |
|-----------------------------|-----------------------------------------------------|
| Output signal               | 125kHz                                              |
| Voltage Range               | 12400V                                              |
| Frequency Range             | 060Hz                                               |
| Display                     | LCD display                                         |
| External Voltage Detection  | max. 400V AC/DC                                     |
| Over Voltage category       | CAT III 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)    | 040°C,max 80% rel. humidity (non condensing.)       |
| Temperature Range (Storage) | -2060°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. 02meters (single-pole application)          |
|                             | approx. 00.Smeters (double-pole application)        |
| Voltage detection           | approx. 00.4meters                                  |
| 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. Sminute (No any Operation)                  |
| Temperature Range (Work)    | 040°C,max 80% rel. humidity (non condensing.)       |
| Temperature Range (Storage) | -2060°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.





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